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MONTANA HIGHWAY DEPARTMENT

STATE DOCUMENTS
SEP 23 1976

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

SEPTEMBER 20, 1976

BRITISH COLUMBIA
DOMINION OF CANADA
ALBERTA
SASKATCHEWAN
LINCOLN
GLACIER
TOOLE
LIBERTY
HILL
PHILLIPS
DANIELS
SHERIDAN
FLATHEAD
POND
D'OREILLE
CHOTEAU
BLAINE
VALLEY
ROOSEVELT
RICHLAND
SANDERS
MINERAL
MISSOULA
TETON
LEWIS
AND
CLARK
CASCADE
FERGUS
PETROLEUM
GARFIELD
McCONE
DAWSON
JUDITH
BASIN
PRAIRIE
WIBAUX
POWELL
GRANITE
BEAVERHEAD
RAVALLI
JEFFERSON
BROADWATER
GALLATIN
MEAGHER
WHEATLAND
GOLDEN
VALLEY
MUSSELSHELL
ROSEBUD
CARBON
STILLWATER
SWEET
GRASS
PARK
YELLOWSTONE
TREASURE
CUSTER
FALLON
POWDER
RIVER
CARTER
BIG
HORN
MADISON
GALLATIN
BILLINGS
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved
H J Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
SEPTEMBER 17, 1976

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending September 17, 1976:

G E N E R A L

Skies have been mostly clear, temperatures moderate, and precipitation light the past two weeks. Progress has been fair on most projects.

P R E C O N S T R U C T I O N

I 90-1(12)22, Drexel - East & West — VTN, Inc., Consultant
Bridge Design — Helena, Montana
Work is continuing on the design plans. The contract remains 96% complete.

I 90-1(12), Drexel - East & West — Menasco-McGuinn Associates
Length - 5.8 Miles — Helena, Montana, Consultants
There has been no word from the consultants.

I 90-1(13)39-43, Sloway - East & West — Henningson, Durham & Richardson
I 90-1(40)43-47, Superior - West — Helena, Montana, Consultants
F 254(10), LaVista - Superior Primary — Est. Comp. Date - Oct. 31, 1976
Work is continuing on frontage road alignment, grades and earthwork on Sloway - East & West. Work is underway on right-of-way and summaries on Superior - West, and the necessary revisions are being made on the Superior structures. A review is being made of the line change by the bridge over the S. M. P. St. P & P Railroad. The primary section is 81% complete, roadway section 85.6%, bridge section 99.9%, and the contract, as a unit, is 94.5% complete.

I 90-1(77)22, Drexel - East & West — L. D. Claridge, Field Proj. Mgr.
Length - 5.342 Miles - Construction Staking — St. Regis, Mont., Phone 649-2471
Construction layout remains 28% complete. Personnel are currently working on other assignments.

RS 4(10), State Route 269 - Stevensville — Personnel Unassigned
Length - 0.5± Mile, Preliminary Engineering
Work will be started when personnel are available.

M-RS 000S(53), Missoula County — Personnel Unassigned
Signs & Traffic Control Devices
Contract Scheduled for Letting Oct. 28, 1976

RF 192(9), Arlee Safety — Personnel Unassigned
Topog Survey
Work will be started when personnel are available.

F 197(8), Dixon - Ravalli — Personnel Unassigned
Length - 8.5± Miles, Preliminary Engineering
Work will be started when personnel are available.

F 219(36), DeSmet - Evaro — C. W. Hegman, Field Proj. Mgr.
Length - 5.3 Miles — Missoula, Mont., Phone 549-6491
Survey Started Dec. 18, 1975 — Est. Comp. Date - Pending
Work has been temporarily suspended. The survey remains 96% complete.

S 221(3), Thompson Falls - West — H. J. Smith, Designer II
Length - 4.3 Miles — Missoula, Mont., Phone 549-6491
Work consisted of plotting cross sections through line projections , reviewing culverts, and checking quantities. The design is 56% complete.

S 221(7), Thompson Falls - West — H. J. Smith, Designer II
Length - 4.31 Miles — Missoula, Mont., Phone 549-6491
There has been no work. Additional information is being awaited from Hydraulics. The design remains 85% complete.

RF 223(6), Plains - Paradise — Personnel Unassigned
Length - 6.9± Miles, Preliminary Engineering
Work will be started when personnel are available.

RS 360(3), Rattlesnake Creek Bridge, Missoula — Personnel Unassigned
Length - 0.1± Mile, Preliminary Engineering
Work will be started when personnel are available.

RS 360(4), Intersection of Rattlesnake Drive & Lincolnwood, Missoula — Personnel Unassigned
Preliminary Engineering
Work will be started when personnel are available.

M 8114 - Missoula — Personnel Unassigned
5th & 6th to 7th Streets
Work will be started when personnel are available.

M 8199(3), Missoula Intersections — Personnel Unassigned
Preliminary Engineering
Work will be started when personnel are available.

CONSTRUCTION

I 90-1(80)0, Lookout Pass - East — Northwest Construction, Inc.
Length - 10.732 Miles, AGS-PMS-G. Rail-Sign — Kirkland, Wash. Contractor
Contract Awarded May 6, 1975 — C. R. Owen, Field Proj. Mgr.
Amount of Contract - $5,359,850.07 — Saltese, Mont., Phone 678-4346
Work Started June 30, 1975 — Contract Time - 200 Working Days
Work Proceed Date - May 28, 1975 — Prob. Comp. Date - Nov. 26, 1976
Progress has been fair. Sealing of pavement edges and random cracking is underway, and joint sealer is being placed at the structure ends. The 3/4" top course, Gr 2,

I 90-1(80)0 - cont'd.

is being placed in the median area from Sta. 256 to the end of the project and on the shoulder, left of the westbound lane, from Sta. 225 to the end of the project. Type III plant mix is being produced and placed from Sta. 1+09.5 to Sta. 150+00.0. Chain link fencing has been completed left and right of Sta. 536 to 567. Guard rail posts and snow poles are being set on the right of the eastbound lane from Sta. 104 to 90. The project as a whole is 80% complete with 66% of the contract time elapsed. Fifty men are working shifts of various lengths. Construction lay-out, with a 13-man engineering crew engaged, is 85% complete.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1 — Washington Construction Co.
DeBorgia - East & West & Saltese - Haugan — Missoula, Mont., Contractor
Length - 10.828 Miles, GR-AGG. SURF-PMB — Carl E. Smith, Field Proj. Mgr.
Contract let Dec. 14, 1972 — Missoula, Mont., Phone 549-6491
Amount of Contract - $5,533,558.78 — Contract Time - 350 Calendar Days
Work Started Feb. 15, 1973 — Completed - Aug. 12, 1976
Work will be started on final data in about three weeks. The engineering crew is currently engaged on other assignments.

I 90-1(77)22, U-1, Drexel - East & West — Hensel-Phelps Const. Co.
Length - 455.0-Ft. & 638.0-Ft. Composite Steel & Girder Bridges over the St. Regis River — Vancouver, Wash., Contractor
Contract let July 2, 1975 — W. L. Liles, Field Proj. Mgr.
Amount of Contract - $2,282,935.00 — Superior, Mont., Phone 649-2471
Work Started Aug. 19, 1975 — Contract Time - 140 Working Days
Prob. Comp. Date - Oct. 15, 1976
Progress has been poor. At Sta. 169+72, crashwall finishing has been started at Bent 3. At Sta. 183+57, concrete has been placed in the center lower column and strut, and concrete finishing has been started on the crashwall at Bent 2. At Bent 3, concrete has been placed in the upper columns. A one-span work bridge has been started on the Bent 2 side of the river, across to Bent 3, so that the westbound half of the steel cap form can be set. At Bent 4, one half of the cap form has been removed from the cap. The project as a whole is 28% complete with all of the contract time elapsed. Eighteen men are working five 10-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 75% complete.

I 90-1(77)22, U-2, Drexel - East & West — Washington Construction Co.
Length - 0.5 Mile, Grading & Detours — Missoula, Mont., Contractor
Contract let June 10, 1976 — L. D. Claridge, Field Project Mgr.
Amount of Contract - $1,453,180.88 — St. Regis, Mont., Phone 649-2471
Work Started July 6, 1976 — Contract Time - 120 Working Days
Work Proceed Date - July 6, 1976 — Prob. Comp. Date - July 1, 1977
Detours 1 and 2 have been constructed up to the top of the subgrade, and embankment material is being hauled for the fill at Sta. 188+. Plans are to start placing the surfacing material on the detours early next week. The project as a whole is 28% complete with 36% of the contract time elapsed. Twenty-seven men are working twelve 9-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 75% complete.

I 90-1(59)35, U-2, Sloway Interchange
Length - Dual 128.0-Ft. Prestressed Concrete Girder Overpass
Contract let May 15, 1975
Amount of Contract - $324,775.51
Work Started July 2, 1975
Final data will be forwarded to Helena about October 15, 1976.

Hightower & Wallace Const. Co.
Missoula, Mont., Contractor
George Roat., Field Proj. Mgr.
Superior, Montana
Contract Time - 130 Working Days
Completed - July 28, 1976

I 90-1(87)45, Superior - West
Length - 544.5-Ft. Composite Steel & Concrete Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of Contract - $1,084,707.40
Work Started Aug. 25, 1975
Work Proceed Date - July 22, 1975
Work has consisted of placing concrete for beam seats on Bents 1 and 5. Forming of cap at Bent 2 has been started. Steel sheetpile for the cofferdam at Pier 3 has been positioned and is being driven and excavated. The project as a whole is 23% complete with 55% of the contract time elapsed. Ten men are working five 10-hour shifts per week. Construction layout, with a 4-man engineering crew engaged, is 30% complete.

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
George Roat, Field Proj. Mgr.
Superior, Montana
Contract Time - 250 Working Days
Prob. Comp. Date - May 30, 1977

I 90-2(51)78, U-3, Huson - West
Length - 1,020-Ft. Composite Steel & Concrete Girder Bridge over Clark Fork & Emb. Approaches
Contract let Aug. 16, 1974
Amount of Contract - $2,367,500.00
Work Started Oct. 9, 1974
The contractor has completed all concrete placement and is now spot painting structural steel, erecting bridge rail, and finishing concrete. The project as a whole is 92% complete with 82% of the contract time elapsed. Twenty-four men are working five 8-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 90% complete. There has been no work on the roadway.

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
Wm. C. Maart, Field Proj. Mgr.
Missoula, Mont., Phone 722.4461
Contract Time - 280 Working Days
Prob. Comp. Date - Oct. 30, 1976

RF 164(20), Philipsburg - South
Length - 7.7 Miles, PMB-Seal & Cover, Sign & Lighting
Contract let May 13, 1976
Amount of Contract - $591,661.11
Work Started May 26, 1976
The second lift of roadway paving was completed on Sept. 3 and the approaches were completed on Sept. 10. Approach slopes and shoulders are now being finished. Seal and cover operations are scheduled for this week. The project as a whole is 77% complete with 70% of the contract time elapsed. Twenty men are working five 10-hour shifts per week. Construction layout, with a 7-man engineering crew engaged, is 80% complete.

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Prob. Comp. Date - Nov. 15, 1976

RF 186(9), Perma-East
Length - 3.6 Miles, PM-Surf-Seal-Cover-G. Rail
Contract let June 26, 1975
Amount of Contract - $402,977.50
Work Started Aug. 25, 1975
Work Proceed Date - July 22, 1975
Final data will be submitted to the Division office about Oct. 15, 1975.

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Completed - Aug. 9, 1975

RF 215(23), Florence - Lolo &
F 259(16), Florence - North & South
Length - 9.344 Miles, G-GS-PMS, Sign & Fence
Contract let Sept. 19, 1973
Amount of Contract - $1,579,040.37
Work Started Oct. 24, 1973
Work Proceed Date - Oct. 16, 1973
Final data have not yet been returned from the field.

Washington Construction Co.
Missoula, Mont., Contractor
Gerald Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 330 Calendar Days
Completed - Oct. 27, 1975

F 215(25) & F 9999(5), U-3, City of Missoula
Length - 6.8 Miles, Upgrade Surf.-Signs-Signals
Contract let Sept. 20, 1973
Amount of Contract - $175,736.13
Work Started Feb. 19, 1974
Work Proceed Date - Oct. 18, 1973
Final data will be submitted to Helena about September 24, 1976.

Rainbow Electric, Contractor
Great Falls, Montana
J. R. Williams. Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Calendar Days
Completed - Nov. 18, 1975

HHS 219(1), FF 219(32) & HHS 219(35)
DeSmet Interchange - North, Evaro - North &
South & Evaro Hill - South
Length - 10.595 Miles, Missoula & Lake Counties
Contract let Feb. 26, 1976
Amount of Contract - $876,235.40
Work Started April 30, 1976
Work Proceed Date - April 16, 1976
Work has been completed on all projects, with the exception of seeding operations. The project as a whole is 97% complete with 72% of the contract time elapsed. Sixteen men are working five 9-hour shifts per week. Construction layout, with a 12-man engineering crew engaged, is 99% complete.

McIntyre Const. Co. & S. Birch, Inc.
C. W. Hegman, Field Project Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 110 Working Days
Prob. Comp. Date - Sept. 21, 1976

RS 343(12), Avon - Helmville
Length - 5.1 Miles, G-AGG. Surf.-PMB-Widen &
Guard Rail Revision
Contract let May 27, 1976
Amount of Contract - $1,168,747.12
Work Started July 7, 1976
Sub-cutting is underway from Sta. 617± to 690± and embankment is being placed from Sta. 790± to 850±. Pipe is being placed throughout the project. The project as a whole is 12% complete with 32% of the contract time elapsed. Twenty-eight men are working five 8-hour shifts per week. Construction layout, with an 8-man engineering crew engaged, is 65% complete.

Washington Construction Co.
Missoula, Mont., Contractor
Gerald P. Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 150 Working Days
Prob. Comp. Date - Aug. 15, 1977

M-RS 000S(51) & M 8199(2), U-1
Signing & Delineation, Missoula County
Contract let Sept. 30, 1975
Amount of Contract - $77,620.20
Work Started March 17, 1976
Work Proceed Date - Oct. 22, 1975
Progress has been good. Installation of all bouncing ball flashers were completed on Sept. 3, 1976. Signs were installed west of Lolo and signs installed and overhead flasher assemblies removed in the City of Missoula. The project as a whole is 95% complete with 60% of the contract time elapsed. Three men worked two 8-hour shifts. Construction layout, with 2 engineers engaged, is 99% complete.

Skinner Enterprises, Contractor
Helena, Montana
J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Working Days
Prob. Comp. Date - Sept. 24, 1976

M 8107(2), City of Missoula — Skinner Enterprises, Contractor
Signalization of Intersections — Helena, Montana
Contract let Sept. 30, 1975 — J. R. Williams, Field Proj. Mgr.
Amount of Contract - $144,725.75 — Missoula, Mont., Phone 549-6491
Work Started Nov. 17, 1975 — Contract Time - 75 Working Days
Work Proceed Date - Oct. 22, 1975 — Prob. Comp. Date - Sept. 30, 1976
The contractor has been installing signals the past week. The project as a whole is 70% complete with 60% of the contract time elapsed. Two men are working five 8-hour shifts per week. Construction layout, with 2 engineers engaged, is 80% complete.

M 8107(4), North Orange St. - Missoula — Midland Electric, Contractor
Length - 0.8 Mile, Lighting & O'Height Detector — Billings, Montana
Contract let Aug. 26, 1976 — J. R. Williams, Field Proj. Mgr.
Amount of Contract - $85,663.22 — Missoula, Mont., Phone 549-6491
Work Not Yet Started — Contract Time - 60 Working Days
Contractor has not advised of his plans for starting work.

M 8199(2), U-2 & M-U 8199(4), Missoula — Western Sign Corporation
School Crossings, Signing & Signalization — Great Falls, Mont., Contractor
Contract let June 10, 1976 — J. E. Hughes, Field Proj. Mgr.
Amount of Contract - $106,132.00 — Missoula, Mont., Phone 549-6491
Work Started July 20, 1976 — Contract Time - 60 Working Days
Work Proceed Date - July 6, 1976 — Prob. Comp. Date - Oct. 15, 1976
All OPTICOM traffic control systems were completed in the City of Missoula on Sept. 9, 1976. The project as a whole is 85% complete with 2% of the contract time elapsed. One man worked one 8-hour shift. Construction layout, with 2 engineers engaged, is 90% complete.

BEN C. MILLER, P. E., SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM:cn

CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

September 17, 1976

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending September 17, 1976.

G E N E R A L

Progress has been fair. Weather was mostly clear and cool. Day time temperatures from +60° to +82° with night temperatures from +30° to +46°. Highways in normal summer driving conditions with traffic tapering off.

P R E - C O N S T R U C T I O N

HHS 58(28) Libby-Kalispell
Length - 2000' & 4300' Alignment Improvement
Survey Authorization Dated - August 27, 1976
Survey Started - September 7, 1976

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
(Field Hdqtrs.-Crystal Creek)
Est. Comp. Date - Jan. 1, 1977

The project consists of two separate sections. The most westerly section is approximately 2000 feet in length, the most easterly section is approximately 4000 feet in length. Survey started on September 7, 1976 and consisted of establishing original control points on both sections. Running a traverse on the most easterly section to establish P.I.'s A total of five (5) men worked a total of 39 man days. The survey as a whole is 0% complete.

F-100(9) Columbia Falls East & West
S-334(2) Nucleus Avenue
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Jan. 1, 1977

F-100(9)

Plan sheets were submitted to Helena for Plan-In-Hand prints on September 7, 1976. A Plan-In-Hand will be scheduled in the near future. 228 man days have been used to date on design, which is approximately 46% complete. Design personnel are also working on miscellaneous assignments and Off-System design work.

S-334(2)

Plan sheets were submitted to Helena for Plan-In-Hand prints on September 7, 1976. A Plan-In-Hand will be scheduled in the near future, in conjunction with project F-100(9). 64 man days have been used to date on design, which is approximately 46% complete.

RF257(16) Coram-W. Glacier Section
Length - 4.8 miles
Scheduled for March 1977 Letting

Duane Anderson (temp.) F.P.M.
Kalispell, Montana 59901
Phone: 755-5006

Progress has been slow due to tying into the 1935 R/W at end of project. A six (6) person survey crew has been staking centerline and R/W breaks between station 632+50 and end of project, sta. 658+56, as requested by the Right Of Way Department. No utility relocation starts have been made pending acquisition of Forest Service property for utility corridor by R.E.A.

F-263(8) Stryker-Rooseville
Length - 6.0± miles
Survey Authorization Dated - Nov. 13, 1975
Survey Started - December 8, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Est. Comp. Date: Dec. 1, 1976

The survey is now suspended pending shutdown of construction activities this fall. Survey as a whole is approximately 71% complete with 554 man days expended.

RS-325(2) Libby South East Rte. 482
Length - 3.5 miles
Survey Authorization Dated - Dec. 6, 1974
Survey Started - January 6, 1975
Survey Suspended - January 17, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Est. Comp. Date: Pending

No work on this location survey due to construction work. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-451(1) West Reserve Drive
Length - 6.5 miles
Design Started - July 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Pending

No work has been done on design the past period. Seventy two (72) man days have been used to date on design, which is approximately 12% complete.

M-6701(1) Meridian Road - Kalispell
Length - 2.0 miles
Survey Authorization Date - Feb. 21, 1975
Work Not Started

Personnel Unassigned
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Pending

No work the past month due to the need for personnel on other projects.

C O N S T R U C T I O N

FH7-1(1) Thompson Falls-West
Aggregate Surfacing & Plant Mix Bit. Base & Signing
Length - 10.0 miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975
Contract Amount - $756,731.50
Proceed Order - April 21, 1975
Work Started - July 22, 1975

Zook Brothers, Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 110 Working Days
Project Completed: Aug. 18, 1976

The project was completed and accepted on August 18, 1976 with 103 of 111 contract days being used or 93% of the adjusted contract time. The final is being worked on as time permits and will be submitted to the Division office about November 1, 1976.

RF-58(26) Manicke-Kalispell
Fencing U.S. #2 Loon Lake-Flathead Co. Line
Length - 10.0 miles
Contract Let - August 21, 1975
Contract Awarded - August 27, 1975 (FHWA 8-28-75)
Contract Amount - $185,172.00
Proceed Order - Sept. 18, 1975 (S.P. #17)
Work Started - Oct. 6, 1975

Fred Strandberg Const. Co.
Helena, Montana 59601
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time: 60 working days
Completed: June 18, 1976

The project was completed and accepted June 18, 1976. A total of 45 working days were used of approximately 74% of the contract time. One engineer will be working on final quantities as time permits. Estimated submittal date is November 15, 1976.

RF-BRF-100(15) Flathead River Br. Columbia Falls
Pre-Stressed Concrete Girder Bridge &
Grade & Surf. Temp. Approach
Length - 0.303 miles
Contract Let - March 27, 1975
Contract Awarded - Mar. 31, 1975 (Conc. by FHWA)
Contract Amount - $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Co.
Billings, Montana 59101
Lawrence Chezik, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 300 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been poor with little increase in pay items. The contractor worked three (3) single and six double shifts employing 13-16 men. The project is approximately 61% complete with 66% of the total contract time lapsed. Some removal of the existing piers and general cleanup was done last week. Presently the work consists of driving sheet pile at Pier No. 2 W.B. coffer dam, but progress is slow with difficult driving and repairs made on the Seeco driving equipment. Two State employees are presently assigned to the structure.

U191(38) St. Matthew School Signals
MU6799(1) U.S. #2 Signal UPgrade
Installation of Flasher at St. Matthew
School Crossing on Main St. in Kalispell
and Signal Controller Upgrade on 4
Intersection on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - Mar. 31, 1976 (FHWA April 1, 1976)
Contract Amount - $46, 975.20
Proceed Order - April 22, 1976
Work Not Started

Signal Electric, Inc.
Kent, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 45 Working Days
Prob. Comp. Date: Oct. 15, 1976

The contract was awarded on March 31, 1976. The contractor has been furnished a list of materials required for project. There has been no time assessment being charged as per spec provision No. 1-B. A preconstruction conference was held on September 8, 1976 with a representative of Signal Electric, Inc. and Highway personnel present. They plan to start work in about two weeks with most of the material received.

HHS 257(31) Dew Drop Curve
Grading & Plant Mix Surfacing
Length - 0.094
Contract Let - August 30, 1976
Contract Awarded - August 30, 1976
Contract Amount - $17,623.96
Proceed Order - September 20, 1976
Work Not Started

Pack & Co., Inc.
Kalispell,Montana 59901
Duane Anderson, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 30 Working Days
Prob. Comp. Date: Pending

To date, contractor has not begun work and a signed proceed order has not been received. The engineering crew has spent two days on project and completed staking. A preconstruction conference will be scheduled in the near future.

DP-270(13) U.S. 93 North of Kalispell
Grade, Gravel Surface, Plant Mix Surfacing
Length - 0.776 miles
Contract Let - February 26, 1976
Contract Awarded - Mar. 1, 1976
FHWA Concurred - March 2, 1976
Contract Amount - $285,900.23
Proceed Order - April 16, 1976
Work Started - April 27, 1976

Pack & Company, Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 60 Working Days
Prob. Comp. Date: Sept. 20, 1976

There has been very little progress. The contractor and sub contractor employed one to four men, working at variable time on cleanup and seeding and mulching, making the project bid items 99% complete. Work remaining is the adjustment of drop inlet and concrete box on approach at sta. 58+. Final inspection and acceptance by FHWA was made on September 10, 1976, contingent upon completion of the above items. One engineer assigned to project as required.

RF-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. &
Seal, Storm Sewer Installation
Signing, Lighting & One pre-stressed concrete
Girder Bridge
Length - 4.5 miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1975 (Conc. FHWA 4-7-75)
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Work Started - April 28, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 200 Working Days
Prob. Comp. Date: Oct. 22, 1976

No progress the past two weeks. FHWA inspected the project on September 9, 1976 for acceptance of the work completed. Lighting materials are expected to be at Libby approximately Sept. 20, to complete the lighting as per C.O.#11. Seeding will commence as soon as possible after October 15. These are the only two items left to complete on the contract. The project as a whole remains 99% complete with 87% of the adjusted contract time elapsed. Construction layout is 100% complete with three engineers assigned, working on the final and supporting data.

The structure is complete , pending final inspection.

RS-404(6) & M-6730(1) Kalispell-South Loop
Length - 3.5 miles
Scheduled for September 30, 1976 Letting
PS &E Date - September 2, 1976

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006

RS-404(6) & M-6730 (1) Kalispell-South Loop Cont.

Northwestern Telephone Systems

Underground telephone main line cable was completed on August 12, 1976. Poles and anchors have been set for overhead portion of telephone relocations and service underground cables have been placed. Remaining work is the placing of over head service lines and splicing of underground cable to services. One (1) to three (3) men have been working variable shifts making relocation approximately 65% complete.

Montana Power (Gas)

A crew of one (1) to three (3) men worked three 8 hour shifts the past two weeks removing gas main, backfilling and making service connections. Relocation remains approximately 95% complete.

Pacific Power

A crew of four (4) to twelve (12) men worked five-eight hour shifts during this progress period. Completed setting power poles, making service connections and junking out old poles and wire. Relocation of utility is approximately 80% complete.

RS-410(8) Wampoo-4th of July Creek-Yaak Rd.
Grade, Gravel Surface, Plant Mix
Length - 4.6 miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Bros., Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time: 140 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair. The contractor employs 20-25 men working 1-8 hour shift five days a week. Clearing and grubbing is approximately 95% complete. Exc. and Emb. between sta. 95-135 and 205 to 240 is approximately 10% complete. Three drills and compressors in rock cuts sta. 1+00 and 186±. Drilling is approximately 20% complete. The project as a whole is 18% complete with 28% of contract time elapsed. Construction layout is approximately 30% complete with nine (9) engineers and inspectors assigned to the project.

RS-DP 448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix. Base
Length - 5.38 miles
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, Field Proj. Mgr.
Dayton, Montana
Phone: 849-5565
Contract Time: 180 Working Days
Prob. Comp. Date: Nov. 1, 1976

Progress has been poor. Contractor and sub contractor employed 30 men, working 10-10 hour shifts during this progress period. All major excavation and embankment has been completed with fine grade finishing being conducted. 286 linal feet of 24 inch cross drains have been placed, making cross drains 92% complete. 376 lineal feet of approach culvert placed making this approximately 80% complete. Fencing has been resumed with the placing of three 16 foot cattle guards and fence being set at various locations, making fencing approximately 95% complete. 18,125 tons of 1" aggregate has been crushed and stockpiled to be used for Pl. Mix Base. The project as a whole remains approximately 45% complete with 58% of the contract time elapsed. Construction layout is approximately 50% complete with a 12 to 15 man crew engaged with survey and inspection duties.

RF-9999(56) Safety-Flathead, Lake & Sanders Co.
RF-9999(71) Safety-Flathead, Lake Counties
Signs, Traffic Control Devices and Delineation
Length - 260.8 miles
Contract Let - February 27, 1975
Contract Awarded - Mar. 3, 1975 (FHWA Conc.)
Proceed Order - April 16, 1975
Work Started - July 22, 1975

Western Sign Corporation
Great Falls, Montana
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time: 85 Working Days
Proj. Comp. Date: Nov. 8, 1976

The finals are complete and will be forwarded to Helena by first available transportation.

SMP-2499-74 State Project
4 Crusher Setups in Flathead & Lake Counties
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $137,160.00
Proceed Order - January 9, 1976
Work Started - Mar. 17, 1976

McIntyre Const. Co. & Birch, Inc.
Great Falls, Montana
John Kalien, Div. Mat'l Supv. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 90 Working Days
Project Completed: May 27, 1976

The final was submitted to the Division office for checking and will be forwarded to Helena about October 1, 1976. Pressing utility relocation inspection causing delay in checking.

James J. Keithley, P.E.
Supervisor, Div. Const. Section

JJK:HS:cs

Department of Highways

Butte, Montana

September 16, 1976

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending September 14, 1976. The weather has been cool with rain showers and temperatures ranging from $+26^{\circ}$ to $+88^{\circ}$.

PRECONSTRUCTION

RS 6(10)
Canyon Ferry Dam S.E.
Location Survey
3.507 Miles
Lewis & Clark and Broadwater Counties

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
November 22, 1976

Work on the Hardshell will commence when time permits. There has been a total of 198 man days expended to date. All items, with the exception of the Hardshell are 100% complete. Project as a whole is 90% complete.

I IG 15-3(13)157
Basin - Boulder
Design
5.9 Miles
Jefferson County

Morrison - Maierle, Inc.
Consulting Engineers
Probable Completion Date:
March 14, 1976

A cost proposal for construction staking the project was submitted. Our proposal to design a 1.4 mile extension was rejected. A meeting was held with MDH, FHWA, F&G and consultant present at which a reinforced earth river crossing at sta. 1276 was approved. Project as a whole is 27% Complete.

S 34(4) Section
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross section, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 214(7)
Intersection of 11th Ave. and
Fee St. - Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 249(18)
Helena West
Design
6.2745 Miles
Lewis & Clark County
Design Started: Dec. 7, 1970

VTN. Inc.
Helena, Montana
Probable Completion Date:
Undetermined

Updating Signing Plans. Received approval of Change Order for Design Study Report and Public Hearings 6/01/76. Transmitted original tracings for Right-of-Way, Construction Plans, Fencing, Utility Plans to MDH 8/10/76. Design plans are 92% complete. R/W plans are 95% complete. Project as a whole is 99% complete.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
November 12, 1976

Survey has been suspended, temporarily, due to construction projects. There has been a total of 511½ man days expended to date. Lines and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 250(3)
Gregson Road
Location Survey
2.9 Miles
Silver Bow County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location on this project will commence when a crew is available in the Fall.

RS 364(4)
Basin Creek Road
Location Survey
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

Work for the period consisted of checking IBM print out of the cross section notes and compiling data for drainage area calculations. A two man crew expended 8 man days for a total of 453 man days used to date. Field work on the project remains 65% complete. Line and levels run, cross sections and topography taken are 100% complete. Section ties are 50% complete, hardshell and profile are 80% complete. Deisgn work on the project is 10% complete. Notes reduced and checked are 100% complete, cross sections plotted are 100% complete, cross sections topoged and inked are 90% complete.

RS 393(1)
West of Twin Bridges
Location Survey
1.0 Miles
Madison County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available in the Fall.

S 442(1)
Grand Avenue - Butte
Location Survey
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

Work on the project consisted of drawing typical sections and computing typical section quantities and compiling data on driveways, sidewalks and curbs in preparation for the computation of concrete quantities. A two man crew expended 11 man days for a total of 80 man days used to date. The mylar and profile plotted; the cross sections plotted and inked; and the grades layed and computed are all 100% complete. The plan and profile linens are traced for 1.14 miles or 83% complete. Design work on the project is 7% complete.

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has been suspended awaiting the bridge and elevations and design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced; and the cross section plotted & linked are all 100% complete. The design remains 10% complete with 40 man days used to date.

PRECONSTRUCTION

M 5807(1)
Neil to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available in the Fall.

CONSTRUCTION

I 15-2(33)96 Unit 3
Divide South
Aggregate Surf., Pl. Mix
Bit. Surf. and Signing
5.910 Miles
Silver Bow County
Contract Let: July 18, 1974
Bid Price: $1,646,579.65
Work Started: August 21, 1974

McIntyre Constr. Co. & S. Birch Inc. (JV)
Great Falls, Montana
Joseph Bettle, Manager
Field Project
Butte, Montana Tel. 494-4172
Contract Time: 200 Working Days
Completion Date:
June 9, 1976

Final Data is in Division Office and checking has started. It is estimated that Final Data will be sent to Helena on November 12, 1976.

I 15-2(34)103 Unit 2
Divide North
The constr. of a dual 75.0' prestressed Concrete girder overpass (Tucker Cr. Grade Separation) & a dual 75.0 prestressed concrete girder overpass (Highland Road Separation)
0.028 Miles
Silver Bow County
Contract Let: January 8, 1974
Bid Price: $287,136.62
Work Started: Feb. 13, 1974

Feldman - Murphy General Contracting Co.
Billings, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Montana Tel. 846-1204
Contract Time: 200 Calendar Days
Completion Date:
June 21, 1976

Final Data is in Division Offcie but checking has not started. It is estimated the Final Data will be sent to Helena on October 15, 1976.

I 15-2(34)103 Unit 3
& F RF 43(28) Unit 2
Surfacing on Divide
and Wisdom - Divide Roads
Aggregate Surfacing Plant Mix
Bit. Surfacing and Signing
8.62 Miles
Silver Bow County
Contract Let: March 27, 1976
Bid Price: $2,098,291.50
Work Started: July 22, 1975

Empire Sand & Gravel Co., Inc.
Billings, Montana
Gene Campbell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time 150 Working Days
Probable Completion Date:
September 24, 1976

I 15-2(34)103 Unit 3
& F RF 43(28) Unit 2 Cont'd

Work the past period consisted of completing guardrail, completing signs and placing R/W monuments. The contractor employed 10 men for 5-8 hour shifts. Project as a whole is 98% complete with 96% of the contract time elapsed. Construction layout as a whole is 100% complete with 5 Engineers and 2 Inspectors engaged.

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area, Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram-Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Divide Mt. Tel. 267-2263
Contract Time: 200 Working Days
Probable Completion Date:
October 15, 1976

Work the past period consisted of landscaping both Rest Areas. The contractor employed 4 men for 6-8 hour shifts. Project as a whole is 99% complete with 90% of the contract time elapsed. Construction layout as a whole is 100% complete with 1 Engineer engaged.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept 20, 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Final Inspection and Acceptance July 21, 1976. It is estimated that Final Data will be sent to Helena on February 25, 1977

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville-North
Grading, Aggregate Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
April 16. 1977

Work the past period consisted of conducting grading operations. The contractor employed 89 men for 19-9 hour shifts. Project as a whole is 62% complete with 40% of the contract time elapsed. Construction layout as a whole is 70% complete with 5 Engineers and 2 Inspectors engaged.

I 15-2(38)120, I 115-2(6) 126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 24, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp. Lewis Constr.
Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Montana Tel. 792-9937
Contract Time: 150 Working Days
Probable Completion Date:
October 29, 1976

Work the past period consisted of erecting guardrail, The contractor employed 18 men for 8-9 hour shifts. Project as a whole is 89% complete with 88% of the contract time elapsed. Construction layout as a whole is 97% complete with 5 Inspectors engaged.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0
foot prestressed concrete girder
overpass (Woodville Interchange), a dual 123.0'
Concrete girder overpass (Sawmill
Gulch Separation) and a dual 128.0
foot prestressed concrete girder overpass
(Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: October 17. 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Butte, Mt. Tel. 494-3666
Contract Time: 230 Working Days
Probable Completion Date:
September 30, 1976

Progress during the past period was fair. Work consisted of: Sta 29 + 00 (N. & S.B.) finishing on underside of deck - columns, crossbeams, diaphragms, and prestressed beams & grinding high areas on the decks. Sta. 174 + 33.00 (N.B.) erecting Br. Rail - Steel Type 5. (S.B.) Grinding high areas on the deck and erecting Br.Rail - Steel Type 5. Sta. 273 + 00(N. & S.B.) erecting Br. Rail - Steel Type 5. Percentages complete for the items are as follows: All items are 100% complete with the exception of Br. Rail - Steel Type 5, 50% and Protective Coat, 0%. The structures as a whole are 97% complete with 158 of the working days used or 67% of the contract time elapsed. During the past period the Contr.(McEachern Constr. Co.) worked 9-8 hour shifts with 5 men employed. Construction layout is 97% complete with a 1 man engineering crew engaged at the present.

I 15-3(26)140 Unit 1
Elk Park - South
Grading, Aggregate Surfacing
Plant Mix Bituminous Base,
Fencing and Signing
2.4 Miles
Jefferson County

McIntyre Constr. Co. &
S. Birch, Inc.
Great Falls, Montana
William Bork, Manager
Field Project
Butte, Montana Tel. 494-5706

I 15-3(26)140 Unit Cont'd
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Not Started

Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

Preconstruction conference was held September 8, 1976.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
October 31, 1976

Work the past period consisted of conducting grading operations. The contractor employed 27 men for 17-9 hour shifts. Project as a whole is 47% complete with 64% of contract time elapsed. Construction layout as a whole is 81% complete with 5 Engineers and 1 Inspector engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal and Cover
10.160 Miles
Beaverhead County
Contract Let: June 29, 1976
Bid Price: $1,609,681.60
Work Started: July 26, 1976

Clark Bros. Contractors
Victor, Montana
William C. Birkenbuel, Manager
Field Project
Wisdom, Montana Tel. 689-2255
Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

Work the past period consisted of erecting fence, installing culverts and conducting grading operations. The contractor employed 40 men for 11-9 hour shifts. Project as a whole is 12% complete with 15% of the contract time elapsed. Construction layout as a whole is 78% complete with 4 Engineers and 4 Inspectors engaged.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North
& South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Butte, Montana Tel. 494-4172
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Montana
Contract Time: 260 Working Days
Probable Completion Date:
September 15, 1977

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1 Cont'd

Road

Work the past period consisted of installing culverts and hauling borrow. The contractor employed 42 men for 10-8 hour shifts. Project as a whole is 7% complete with 16% of the contract time elapsed. Construction layout as a whole is 62% complete with 14 Engineers and 2 Inspectors engaged.

Bridges

Progress during the past period was good. Work consisted of: Sta. 842 + 26.33 (W.B.) driving sheeting & bracing & excavating on Bt. No. 2 Footings. Subcontractor had a temporary railroad installed, at his expense, for access; Bt. No. 3 placed concrete, stripped, cured and finished columns. (E.B.) Bt. No. 3 excavating for and placing concrete, stripping,curing and finishing footings & columns. Sta. 1049 + 68.60 (E.B.) road contr. placing abutment No. 1 & No. 4 end approach fills. Sta. 1150 + 10.00 (W.B.) Bt. No. 1 excavating and driving test pile: Bt. No. 3 stripping crossbeam bottom; Bt. No. 4 placing concrete, concrete, stripping, finishing & curing cross beam; Bt. No. 5 placing concrete, stripping, finishing & curing columns & forming on and placing reinforcing steel in crossbeam. (E.B.) Placing concrete, stripping, finishing & curing Bt. No.'s 2,3 &4 crossbeams & stripped Bt. No. 2 & No. 3 crossbeam bottoms; Excavating & driving Bt. No. 1 test pile; the service pile arrived for Bt. No. 1 (E. & W.B.). The county road traffic is now diverted onto the temporary detour around north end of Bt. No. 1 (E. & W.B.) with proper signing all at subcontractor's expense. Percentage complete for the items are as follows. Conc. Cl. AD. 16% Struct. Excavation Type 1 61%; Test Pile T.T., 61%; Furn. T.T. Pile, 70%; Drive Pile, 64%; Pile - Prebore Holes, 39% & Reinf. Steel, 8%. The structures as a whole are 13% complete, for working days and percent of contract time elapsed see road Engineers report. During the past period the subcontractor (McIntyre & Birch) worked 9-8 hour shifts with 22 men employed. Construction layout is 27% complete with a 4 man Engineering crew assigned.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: 3,718,181.56
Work Started: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Ray G. Masters, Manager
Field Project (Road)
Deer Lodge, Montana Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-1204
Contract Time: 240 Working Days
Probable Completion Date:
October 14, 1977

Road

Work the past period consisted of installing culverts, fencing, and conducting grading operations. Contractor employed 30 men for 18-8 hour shifts. Project as a whole is 10% complete with 23% of the contract time elapsed. Construction layout as a whole is 90% complete with 6 Engineers and 3 Inspectors engaged.

Bridges

Work Not Started

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen - East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project I IG 90-4(26)194 U2 and the construction of a 121.5' prestressed concrete girder bridge on project RS 304(12) U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: November 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Probable Completion Date:
November 30, 1976

Structures at Galen Interchange Sta. 939 + 75.20: Finishing concrete on Eastbound and Westbound Structures.
Structures at Clark Fork River Sta. 1370 + 07.0: Tied Steel and placed concrete at Bent No. 2 Footings and Columns E.B. Decking W.B. Structure.
Percentages complete for items are as follows: Unclassified Classified Channel Excavation 50%. Structure Excavation 75%, Reinforcing Steel 47%. Class AD Concrete 61%, Structural Steel 20%, Shoring & Crib 68%, Filter Material 20%, Gravel Blanket 20%, Class II Rip Rap 35%, and Mobilization 60%. Prestressed Beams Type A 50%. The project as a whole is 50% complete with 56% of the Contract Time elapsed. The contractor worked nine (9) eight (8) hour shifts employing an average of twelve (12) men.

I 90-5(29)233
Homestake Pass Rest Area
Construction of a Dual Reat Area,
Landscaping and remodeling
Existing Picnic Shelters
Jefferson County
Contract Let: August 15, 1974
Bid Price: $388,952.00
Work Started: September 12, 1974

Ingram-Clevenger, Inc.
Helena, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 110 Working Days
Probable Completion Date:
October 15, 1976

No work on this project. Some Force Account work involving refinements to the waste disposal system is being comtemplated. Also, the plant established period is still in effect.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 200 Working Days
Probable Completion Date:
November 12, 1976

RF 171(17) & RS 167(10) Cont'd
Work the past period consisted of hauling and laying gravel and conducting grading operations. The contractor employed 20 men for 13-8 hour shifts. Project as a whole is 72% complete with 45% of the contract time elapsed. Construction layout as a whole is 90% complete with 8 Engineers and 3 Inspectors engaged.

FF 214(8)
Signaling of the intersections
of 11th Ave. and Sanders St., 11th
Ave. & Lamborn St. Prospect Ave.
and Sander St. and Prospect Ave.
& Lamborn St. in Helena
0.00 Miles
Lewis & Clark County
Contract Let: December 18, 1975
Bid Price: $105,853.28
Work Started: May 17, 1976

Signal Electrical Inc.
Kent, Washington
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 60 Working Days
Probable completion Date:
October 1, 1976

Work the past period consisted of conducting various construction activities. Contractor employed 3 men for 4-8 hour shifts. Project as a whole is 37% complete with 49% of the contract time elapsed. Construction layout as a whole is 90% complete with 3 Engineers and 1 Inspector engaged.

FF 401(3)
Intersection of Montana Ave.
and Billings Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Not Started

S&S Construction
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Montana Tel. 442-9762
Contract Time: 45 Working Days
Probable Completion Date:
November 19, 1976

Preconstruction Conference has not been held.

M 1803(2)
Harrison Ave. and Amherst
St. - Butte
Signal Modification, Signing
and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 29, 1976
Bid Price: $30,854.50
Work Not Started

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Montana Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
October 29, 1976

Preconstruction Conference was held July 20, 1976.

Box 1110
Bozeman, Montana 59715
September 17, 1976

Progress Report
Division 2230

Department of Highways
Helena, MT 59601

Gentlemen:

Following is a report covering construction and pre-construction operations in the Bozeman Division for the 2-week period ending September 17, 1976. With the exception of oiling operations, the weather has been favorable for construction activities with temperatures ranging from 29 to 92 degrees.

P R E C O N S T R U C T I O N

F 9 (6) Truck Escape Route — Engineer Unassigned
Virginia City-Ennis
Length - 0.530 Mile

All information requested from the field has been transmitted to Helena.

RF 20 (4) US 191 Spur — William F. Nimmons, FPM
Approx. Length - 6.7 Miles — Phone: 587-0209 Bozeman

One man has been working in the office laying out tentative grades and alignment for this location survey.

RF 20 (5) US 191 Big Sky Spur — Engineer Unassigned
Length - 3.0 Miles
Gravel Surf., Pl. Mix Surf.

There was no work on this project during the past period.

FH 42-3 (2) — Roger E. Blossom, PE, FPM
Slide Near Karsts — Phone: 586-5074 Bozeman
Gallatin County

All information requested from the field has been transmitted to Helena.

F 60 (15)
Clyde Park - N & S

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

With the exception of Item #2 on the June 30 plan-in-hand report, all information requested from the field to date has been transmitted to Helena.

ROS 76 (10)
US 191 Gallatin Canyon Safety
Partial Survey for Future Safety Upgrade

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

I 90-6 ( ) 315
Bozeman Pass - West
Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-7 (17) 350
Springdale - Big Timber
Length - 13.477 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

I 90-7 (18) 364
Big Timber - Greycliff
Length - 10.814 Miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All information requested from the field has been submitted to Helena.

I 90-7 (21) 339
Springdale - West
Length - 9.2 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been submitted to Helena.

I 90-7 (36) 321 U-2
Bozeman Pass - East
Rest Area & Sand House

Engineer Unassigned

No information has been requested from the field to date.

I 90-7 (40) 332 — Engineer Unassigned
Snow Fence
Approx. Length - 5.0 Miles

No field work has been requested to date.

RF 171 (16) — Engineer Unassigned
Norris Hill
Length 9.0 Miles

The location survey authorized September 3, 1976 has not been started.

U 203 ( ) Signals — Engineer Unassigned
Intersection Main & Third-Bozeman

No information requested from the field to date.

F 244 (15) — Martin J. Kolence, FPM
Raynolds Pass - Ennis — Phone: 587-4186 Bozeman
Length - 11.0 Miles

All requested information has been transmitted to Helena.

S 276 (1) — Ronald T. Hoyem, FPM
Big Timber - North & East — Phone: 932-3272 Big Timber
Approx. Length - 9.0 Miles — Estimated Date of Completion: 5-1-77
Survey Started: 5-28-74

There was no work on this location survey during the past period, and it remains approximately 39% complete.

HHS 370 (26) — William F. Nimmons, FPM
Bridger Canyon — Phone: 587-0209 Bozeman
Approx. Length - 1.8 Miles

All data requested has been transmitted to Helena.

RS 463 (1) — William F. Nimmons, FPM
Springdale - Hunters HOt Springs — Phone: 587-0209 Bozeman
Approx. Length 2.2 Miles — Estimated Date of Completion: 3-30-77
Preliminary Survey

The requested preliminary survey has not been started.

M 1201 (1)
North 19th - Bozeman
Approx. Length - 0.4 Miles
Survey Started: 1-15-75

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested to date has been transmitted to Helena.

M 1202 (1)
Oak St. - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman

All information requested to date has been transmitted to Helena.

M 1212 (1)
Kagy Lane - Bozeman
Approx. Length - 1.1 Mile
Survey Started: 7-26-76

William F. Nimmons, FPM
Phone: 587-0209 Bozeman
Estimated Date of Completion: 10-15-76

There was no field work on this location survey as the survey crew is being utilized on construction projects. The location remains approximately 52% complete.

ROS 4144 (52)
Manhattan - Bridge End Protection
(Statewide)

Engineer Unassigned

All information requested has been submitted to Helena.

SRS 4148(52)
BN, Inc.Signals-Off-System
Oregon St. - Belgrade
Northwest of Springdale

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested information has been submitted to Helena.

C O N S T R U C T I O N

S 28 (14)
McLeod-Big Timber
Structures and Approaches
Length - 0.905 Mile
Contract Amount: $531,339.07
Contract Awarded: 5-21-75
Proceed Order Date: 6-11-75
Work Started: 6-27-75

Cop Construction Company
Billings, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Probable Completion Date: 10-22-76

Progress has been slow with the contractor employing between 7 and 9 men and working seven shifts of between 8 and 11 hours. During the past period the subcontractor began installing guardrail and signs on

August 31st and completed this work on September 9, 1976. The road mix laydown on the main line was completed on September 7, 1976. The contractor plans to begin the seal and cover as soon as temperatures and weather permit. Cool night temperatures in the past have prevented the start of work on the paving laydown until late morning. Work remaining on this project consists of seeding and fertilization, minor cleanup work, sealing, and installation of one sign by change order. A five-man engineering crew is currently assigned to this project, which is 95% complete with 102% of the contract time elapsed.

RF 45 (13) Safety
Big Timber - North
Conc. Barrier Rail & Drainage
Length - 0.0 Miles
Contract Awarded: 3-31-76
Contract Amount: $21,838.00
Proceed Order Date: 4-22-76
Work Started: 5-3-76

Bozeman Sand & Gravel, Inc.
Bozeman, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 30 Working Days
Completion Date: 7-7-76

One man has been performing the Division Office checking of the final estimate and supporting data. The checking is now approximately 98% complete, and it is estimated that all data will be transmitted to Helena by September 24, 1976.

I 90-6 (30) 309, I 90-6(36) 315 U-2 & I 90-7 (38) 318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East(WestSection)
Grade, Agg. Surf., Pl. Mix Base, Struct.
Length: 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: ?

Progress has been fair with the contractor employing 66 men and working 18 8-hr. shifts. During the past two week period 182,000 cubic yards of unclassified excavation were accomplished, bringing this item to 10% complete. Material from the cut area from Sta. 145 to 155 is being placed in the fill area from Sta.170 to 190 on the Frontage Road. The material from the cut at Sta. 160 is being placed in the fill between Sta. 173 and 175 on the eastbound lane. Material from the cut area at Sta. 206 is being placed in the fill from Sta. 223 to 240 on the Frontage Road. Excavation from the cut area at Sta. 248 is being placed in the fill between Sta. 253 and 260 on the eastbound. Material from the cut between Sta. 277 and 283 is being placed in the fill between Sta. 275 and 278 on the eastbound. Material from the cut between Sta. 295 and 305 is being placed in the fill between Sta. 290 and 295 on the eastbound. Excavation from between Sta. 311 and 317 is being placed between Sta.

304 and 314. The installation of the 72-inch by 332-foot SSPP at Sta. 50+93 was completed. Fencing operations are in progress throughout the project. 1275 rods of Type CW fence was installed, bringing this item to 37% complete. 600 rods of Type F4W farm fence were also installed, bringing this item to 56% complete. Crushing and stockpiling of 1½" CBS was started on September 13, 1976. A fifteen-man engineering crew is assigned to this project, which is 9% complete with 19% of the contract time elapsed. The contractor has 244 working days of contract time remaining.

I 90-6 (36) 315 U-1
Bozeman Pass - West
Dual 128.0' Prestressed Concrete
Girder Overpass & Approaches
Length - 0.584 Mile
Contract Awarded: 6-30-75
Contract Amount: $770,510.35
Proceed Order Date: 7-22-75
Work Started: 7-16-75

McEachern Construction Company
Butte, Montana
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 180 Working Days
Probable Completion Date: 11-1-76

Progress has been good with the contractor employing 14 men and working 9 8-hr. shifts. During the past period the contractor poured the deck, curbs and endwalls on the eastbound structure. The remaining time was spent stripping forms and performing general cleanup work. Installation of R/W monuments and Sta. markers was also in progress. R/W monument installation is 100% complete and the station markers are 67% complete. Work remaining for completion of the project consists of painting on the structure and seeding and fertilization. Two men are currently assigned inspection duties on this project, which is 91% complete with 75% of the contract time elapsed. The contractor has 45 working days of contract time remaining.

I 90-7 (36) 321 U-1
Bozeman Pass - East(EastSection)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
Larry O. Williams, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days

Progress has been fair with the contractor employing between 45 and 65 men and working 10 8-hr. shifts. 29,000 cubic yards of unclassified excavation were accomplished during the past period, bringing this item to 94% complete. The contractor has been excavating in the Miles Borrow area and placing this material in the embankment between Sta. 326

and Sta. 356. Finishing and topsoiling is in progress between Sta. 375 and 458 on the WB lane. Some 20,000 cubic yards of topsoil were placed, bringing this item to 76% complete. The 3-inch base course was completed between Sta. 587 and 565 on the eastbound and between Sta. 605 and 375 on the westbound. 11,000 tons of this material were placed, bringing this item to 35% complete. The 1½" base was placed between Sta. 605 and 456 on the westbound lane. 5,000 tons of this material were placed, bringing this item to 32% complete. All but two gravel trucks were removed from the project on September 15, 1976. The contractor lost one day of working time waiting for approval of change order #13. A fifteen-man engineering crew is assigned to this project, which is 68% complete with 45% of the contract time elapsed. The contractor has 140 working days of contract time remaining.

HHS 127 (12)
Big Timber - Columbus
Pl. Mix Seal Skid Corr. & Guardrail (Safety)
Contract Awarded: 5-17-76
Contract Amount: $120,557.65
Proceed Order Date: 7-7-76
Work Started: 6-26-76

Bozeman Sand & Gravel, Inc.
Bozeman, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 45 Working Days
Probable Completion: 10-22-76

There was no work on this project during the past period, and it remains 99% complete with 71% of the contract time elapsed. Only the seeding and fertilization items remain for completion of this project. A five-man engineering crew is currently assigned to this job. The contractor has 17 working days of contract time remaining for completion of all work.

M 1206 (2) U-2
Traffic Control Devices
Babcock & Mendenhall - Bozeman
Contract Awarded: 5-3-76
Contract Amount: $64,638.00
Proceed Order Date: 5-24-76
Work Started: 5-24-76

Midland Electric
Billings, Montana
Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman
Contract Time: 45 Working Days
Completion Date: 9-10-76

The seeding on South Eighth Street was completed on 9-10-76. This completes all work under this contract. One man has been working on the final estimate and supporting data. Work is 70% complete with an estimated date of submittal to the Division Office of 10-15-76.

Respectfully submitted,

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH:EJR:rjs

cc: Gary A. Gilmore, PE, Division Traffic Engineer - Butte

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
SEPTEMBER 17, 1976

CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report Covering work accomplished in Division 3130 during the period September 3, 1976 thru September 16, 1976.

GENERAL

Weather has been clear to overcast with temperatures ranging from 45^{0} to 75^{0}, with little to no delay in progress.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls Airport Access Rd.
Length: 0.7 miles - Cascade Co.
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June 31, 1977

One man worked nine days preparing Design for P.I.H. Prints. Design is 46% complete.

F 64 (15) - Great Falls East
Location Survey
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Comp. Date: July 31, 1977

Design commemced on Sept. 7, 1976, the proposed construction of 9.5 miles from 10th Avenue South at 56th Street to Mehmke Hill. One man worked 9 days checking field data. Design is 1% complete.

RS 77(7) - Cascade - Ulm Loop
Location Survey
Length 26.5 miles
Survey Started: January 12, 1976

F. Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: Dec. 31, 1976

30 man days were used during this reporting period, referencing centerline points and plotting hardshell. The survey is 26% complete with 681 man days used to date.

S 134 (1) - Farmington - Agawam
Length: 12.3 miles - Teton Co.
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #453-2361
Prob. Comp. Date: July 31, 1977

No work during this reporting period. The Design is now 56% complete.

Department of Highways — September 17, 1976

M 5201 (1) Part I - 6th St., Gt. Falls
Length: 0.4 miles - Cascade Co.
Design Started: September 26, 1972
Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Comp. Date: May 10, 1976

10th Ave. South to Stations 40 + 65 The Final Prints were submitted to Helena on May 10, 1976. Project is now 100% complete.

M 520- ( ) Part II - 6th St., Gt. Falls
Length: 0.9 miles - Cascade Co.
Design Started: Sept. 26, 1972
Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Prob. Comp. Date: March 31, 1977

Station 40+65 to Station 68+00 The construction and Right-OF-Way Final Plan-In-Hand was held on August 18, 1976. Submitted Signing plan for Signing Plan-In-Hand on August 23, 1976. Received approval on Final Plan-In-Hand and notice to proceed on August 31, 1976. Submitted Right-Of-Way for final review on August 31, 1976. Signing Plan-In-Hand is scheduled for September 21, 1976. This portion is 70% complete.

M 5201 ( ) Part III - 6th St., Gt. Falls
Length: Unknown
Wenzel & Co. - consultants
Great Falls - Phone #453-5478
Prob. Comp. Date: Unknown

68 + 00 To Central Ave. West, Route Location Study Report On September 3, 1976, the contract with Wenzel & Company was withdrawn. On September 10th Wenzel's submitted the Final Design study report to the Helena Office.

RS 348 (18) - 5 miles South of Fort Benton South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976
F. Enderson, Mgr. - F.P.U.
Great Falls - Phone #453-2573
Comp. Date: June 11, 1976

Chouteau County commissioners have removed this project from priority. Further work is in a hold pattern.

CONSTRUCTION

I 15-3(28) 168 & I 15-5(48) 182
Traffic Control Devices and Guard Rail Revisions
Jefferson & Lewis & Clark County
Contract Awarded: June 30,1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90
Apex Construction Inc., Contractor
Spokane, Washington
Walt Smith, Mgr.
Craig Office - Phone 235-4364
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days

Progress has been good. Apex Const. Company is working an eight hour shift. Bozeman Sand & Gravel is working an eight hour shift in preparation for 2 feet widening of shoulders in guard rail area. Items and percent complete are: Mobilization, 50%; Remove Guard Rail, 45%; Traffic Control, 5%; Guard Rail Posts, 46% and Guard Rail Steel/Wood, 34%. The project as a whole is 15% complete with 26% of the contract time elapsed. Construction layout is 70% complete with an 8 man engineering crew engaged in layout, inspection and office duties. Intermittent single lane closures - Helena Hill to the Gates of the Mountain Interchange.

I 15-5(50) 239 U-3
Cascade No. & So.
3 Structures & Approaches on add 2 Lane
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company
P. O. Box 1938
Billings, Mont. 59103
K. Minehan Mgr. - F.P.U.
D. Moore Mgr. - F.P.U.
Comp. Time: 150 Working Days
Prob. Comp. Date: July 1977

Progress has been fair on the Structures. There were 6 men employed building forms, placing concrete and finishing concrete. Structure at 1942: Bent #2 footings and colums are in place. Bent #3 footings are in place. Structure at 2095: Footings for Bents 2 & 3 are in place. Structure at 301: No work has been done. Construction layout is 50% complete with a 2 man engineering crew engaged in staking, inspection and office work. Approaches - Progress has been fair. Sub-contractor Swan & Sons Const. Company completed removing and resetting controlled access fence between Stations: 1826 and 1942, 2076 and between 282 and 300+80.5. Contractor completed setting the 119 rods of farm fence between Station 0 + 00 and 10 + 80. Contractor moved from the project September 8, 1976. Sub-contractor Kraus Const. Company started work Sept. 7, 1976 moving Uncl. Exc. from Cut Area. Station 2082+ and placing Material between Station 2095 and Sta. 2098. Moved approximately 10,000 Cu. Yds. on 1-8 hour shift. Contractor placed 1,250 Cu. Yds. of Topsoil in Stockpile Lt. & Rt. of Station 300 + 80.5. Items and percent complete are: Mobilization, 50%; Exc. Uncl., 1%; Topsoil-Salvaging & Placing, 50%; Compact-Roadbed, 1%; Haul, 8%; Remove Fence, 100%; Farm Fence-Type FAW, 100%; Farm Fence-Panell Sgl. FW, 100%; Farm Fence-Panell Dbl. Fw, 100% and Remove & Reset Fence, 100%. The project as a whole is 5% complete with 9% of the contract time elapsed. Construction layout is 99% complete with a 6 man engineering crew engaged in inspection and office work. Contractor's hauling equipment crossing county road at Station 30 + 00, traffic having to cross-over a dirt mound on the county road.

BRF - TQX 218 (18)
Repair Fire Damage on
S. B. Bridge - Sun River - Gt. Falls
Cascade County
Contract Award: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company
P. O. Box 1242
Missoula, Montana 59801
T. Tomich Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time 130 Working Days
Prob. Comp. Date: Dec. 4, 1976

Progress is fair. There were 10 men employed 7-8 hour shifts, driving a work bridge to the other bank, removing existing Br. Rail, breaking superstructure concrete, constructed and opened detour around the structure, wiring along side of piers, removing curbs from burnt sections of deck, cleaning some smoke damage. Items and percent complete are: Detour & Maintain, 80%; Work Bridge, 70%; Mobilization, 50%; Repair Structure, 10% and Removal of old concrete, 10%. The project as a whole is 27% complete with 12% of the contract time elapsed. Construction layout is 30% complete with a 2 man engineering crew engaged in layout and inspection and on other projects. Sept. 7, 1976, a 1 mile Detour opened from Station 577+ to 604+, it is in good condition.

I 15-6(15) 297 U-1 - Dutton - NO. & So.
5.494 miles, Grade, Aggr. Surf., Plant Mix, Signing and Fencing
Teton County
Contract Awarded: March 26, 1974
Amount of Contract: $2,743,068.92
Work Started: June 19, 1974

Schultz & Meyer Const. Co.
Billings, Montana
T. Hammerbacker, Mgr. - F.P.U.
Dutton - Phone #476-3472
Comp. Time: 360 Calendar Days
Prob. Comp. Date: Oct. 20, 1976

Progress has been good. The Prime Contractor with 5 men employed, worked 3-8 hour shifts removing connection to East Frontage Road and hauling material to borrow area. Contractor worked 3-8 hour shifts sand blasting old traffice lines and symbols off, at the beginning of the project. Worked 1-8 hour shift completeing minor pavement patching. Also engaged in clean up of the project and reclaiming borrow area. Sub-contractor, Sherrod Inc., with 3 men employed, started layout of fence on Sept. 7, 1976, worked 4-8 hour shifts. Minor items to be completed, seeding & fencing. All major items are complete. The project as a whole is 98% complete with 80% of the contract time elapsed. Construction layout is 99% complete with a 5 man engineering crew engaged in layout, inspection and notes.

I 15-6(20) 304 - Teton River - N. & S.(S.Sect.) Contr.
4.3 miles Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started April 1, 1976

Hilde Maronich Const. Co. (JV)
East Helena, Montana
H. Strong & S. Newton, Mgr. - F.P.U.(Road)
D. Harrison Bridge Insp. (Structure)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
Prob. Comp. Date: July 30, 1977

Progress has been good on the Teton River Structures the contractor formed and poured caps for Bent No. 6 N.B. & S.B. and backwall for B-1 N.B. and set beams for Span No. 5N. & S.B. All beams are now set for this structure and deck forming continues. Separation at Station 788 progress has been good.The contractor poured footings and columns for this structure all caps remain to be poured. They plan to set beams 9-29-76 thru 10-1-76. Progress has been good on the road construction, moving Uncl. Exc. Station 700 to Station 875, and installing R.C.P. Culverts. Items and percent complete are: UNCL. Exc., 85% and R.C.P. Culverts, 80%. The project as a whole is 38% complete with 23% of the contract time elapsed. Construction layout is 72% complete with a 7 man engineering crew engaged in layout, inspection and testing.

I 15-6(16) 308 - Teton River - N. & S.(N.Sect.) Hilde & Maronick Const. Co., (JV)Contr.
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit. East Helena, Montana
Base; Pl. Mix Bit. Surf.; Signing; H. Strong & S. Newton, Mgr. - F.P.U.(Road)
Prestressed Conc. Grider Gr. Separation T. Tomich, Mgr. - F.P.U. (Structure)
Teton County Brady - Phone #753-2581
Contract Awarded: July 28, 1975 Comp. Time: 180 Working Days
Contract Amount: $2,070,763.97 Prob. Comp. Date: July 30, 1977
Work Started: September 9, 1975

Progress has been good on the Structures. The contractor has been finishing concrete for the sub-structure setting all beams and started forming deck and backwalls. Road progress has been good. The contractor is crushing, placing, and laying 1½" CBS; Finishing to bluetop; Installing R.C.P. Culverts; Plans to place PMBB and PMBS as soon as gravel is in place. Items and percent complete are: 1½" CBS, 60%; Uncl. Exc., 98% and R.C.P. Culverts, 98%. The project as a whole is 62% complete with 61% of the contract time elapsed. Construction layout is 78% complete with a 10 man engineering crew engaged in inspection and testing.

I 15-6(14) 311 & I 15-7(11) 312 Hilde & Maronick Const. Co.(JV),Contr.
Pershing South and Brady - N. & S. East Helena, Montana
11.5 miles Gr., Agg. Surf., Pl. Mix Bit. S. Newton, Mgr. - F.P.U. (Road)
Base, Pl. Mix Bit. Surf., Lengthen 2 K. Minehan, Mgr. - F.P.U.(Structure)
Add two Lane - Teton & Pondera Co. Brady - Phone #753-2581
Contract Awarded: June 5, 1975 Comp. Time: 240 Working Days
Contract Amount: $3,754,385.95 Prob. Comp. Date: July 30, 1977
Work Started: July 16, 1975

Progress has been good. Contractor is finishing to sub-grade bluetops; the fencer installing posts and Western Sign poured footing for G-Signs. Plans are to begin producing Plant Mix Base on 9-15-76. Items and percent complete are: Signs, 10% and Fenceing, 70%. The project as a whole is 66% complete with 66% of the contract time elapsed. Construction layout is 93% complete with a 3 man engineering crew engaged in inspection and office work. No work on Structures during this reporting period, all that remains is clean up.

RS 91 (6) & RS 329 (6) Baltrusch Const. Co., Contr.
Stockett - Gt. Falls Road and Havre, Montana

Great Falls - Eden Road F. Robinson, Mgr. F.P.U.
18.3 miles Plant Mix Overlay Great Falls - Pone #453-2573
Cascade County Comp. Time: 90 Working Days
Contract Amount: $698.004.00 Comp. Date: May 6, 1976
Contract Awarded: July 19, 1974
Work Started: September 18, 1974

Final Estimate submitted to Division Office on June 16, 1976 and will be submitted to Helena Office on or about Sept. 17, 1976.

Department of Highways

September 17, 1976

HHS 388 (18)
Install Fail Safe Units
Intersection of Fox Farm Road -
6th St. S.W. with 10th Ave. South
Great Falls
Force Account Amount - $1200.00

City of Great Falls
F. Robinson, Mgr. F.P.U.
Great Falls - Phone #453-2573

Work has not yet begun.

RS - 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Gravelling & Surfacing
Contract Awarded: June 30, 1976
Contract Amount: $877,194.60

Hilde Construction, Inc., Contr.
East Helena, Montana
Glen Enderson, Mgr. F.P.U.
Phone #278-5412
P. O. Box 1301
Conrad, Montana
Comp. Time: 110 Working Days

Progress has been good. Grading operations from Delaware Street to Colorado Street, Graveling operations from Colorado Street to the Y. Removing curb inlets from Delaware Street to Kansas Street. Installing storm drain system from Colorado Street to the Y at Station 49+00. Items and percent complete are: Excavation-Street, 78%/ Sel.Surf. 2 in. Gr.4, 16%; Exc. Trench, 32%; R.C.P. Arch Irr. 29 in., 100%; Inlet-Std. Drop-Type II, 26% and Remove Curb Inlet, 91%. The project as a whole is 25% complete with 34% of the contract time elapsed. Construction layout is 75% complete with a 6 man engineering crew engaged in testing and inspection. Traffic is being detoured at Delaware Street Station 11+40 North & connecting with Sunset Blvd. and rejoining the project at Station 49+00.

SMP 2599-76
Stockpile Gravel Various Roads
Cascade, Lewis & Clark & Teton Co.
Contract Awarded: Jan.23, 1976
Contract Amount: $113,775.00
Work Started: March 16, 1976

James Kraus Contractor
Great Falls, Montana
Dale Moore - Mgr. - F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 75 Working Days
Comp. Date: June 16, 1976

All work was completed June 16, 1976. Final was submitted to Division Office June 23, 1976 and will be submitted to Helena on or about Sept. 17, 1976.

James T. Sullivan - P.E. -
Supvr. - Divisiion Construction Section

JTS/MRB/ac

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

September 17, 1976

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending September 17, 1976.

G E N E R A L

The weather this past reporting period has been favorable for construction. The temperatures have ranged from $+34^{o}$ to $+90^{o}$.

P R E C O N S T R U C T I O N

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, A.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 mandays used to date.

HHS-95 (19)
U.S. #2 East of Havre
0.3 miles, Hill County

L. D. Nelson, A.O. I
Havre, Montana
Telephone No. 265-6821

Design as a whole is 50% complete with 19 mandays used to date. Design data was sent to Helena on 6/22/76 for P.I.H. printing.

RS-133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, A.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Design as a whole remains 46% complete.

RS 357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey during this reporting period. Centerline and bench levels are 100% complete, topography is 90% complete, check levels and cross-sections are 17% complete. The location as a whole is 34% complete. The location was suspended on March 29, 1976 due to working on other projects.

CONSTRUCTION

RS-12 (19) Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, Gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Harlem, Montana
Telephone No. 353-2341
Contract Time: 140 working days
Probable Completion Date: 6/10/77

Progress has been fair to good. Subcontractor, Rehbein Construction Co., employed an average of 16 men on eight 11 hour shifts, moving unclassified excavation between stations 1385+ and 1452+. Moved 32,000 cu. yds. for a total to date of 131,000 cu. yds. or 65% complete. Also finishing to blue tops between stations 1445+ and 1620+. Drainage items are approximately 85% complete. Prime contractor, Gus M. Albert, employed 8 to 11 men on eight 10 hour and two 5 hour shifts crushing and stockpiling plant mix base aggregate. Plans to begin producing and placing 1½" crushed base aggregate next week. No work was done by fencing subcontractor, Kimmel and Reed Contractors. They plan to resume operations when grading operations are progressed to the point that they can complete the fence through the construction permit areas. The project as a whole is approximately 27% complete with 34% of the contract time elapsed; 7-8 engineering personnel are employed on the project.

US-95 (17) Gildford-Havre-East
U.S. #2 - Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.33
Work Started: 4/5/76

Baltrusch Construction Co., and
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/1/77

Progress has been fair. The prime contractor worked nine 8 hour shifts with up to 40 men employed. The street was excavated from sta. 535+00 to 538+00 making this item 71% complete. 4,600 tons of 1½" crushed base was placed on the roadway making this item 65% complete. 3/4" top surface was placed from 539+50 to 542+25 and the same area primed making each of these items 52% complete. Lift 1 of 2 plant mix was placed from sta. 539+88 to 541+47 making this item 20% complete. The curbs are 25% complete, sidewalk construction is 15% complete. The subcontractor, Lockrem Construction Co., has been installing drop inlets, adjusting water

valves, and resetting fire hydrants. The drainage mainline is complete and the drainage structures as a whole are 90% complete. The project as a whole is 47% complete with 57% of the contract time elapsed. A 9 man engineering crew is assigned to inspection and construction layout.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Probable Completion Date:10/15/76

Progress has been good. The contractor worked nine 7 hour shifts on plant mix operations and nine 12 hour shifts on gravel operations with an average of 42 people employed.Produced 16,240 tons of 1½" plant mix base for a total of 30,332 tons making this item 66% complete. Hauled and placed 22,362 tons of 1½" crushed base course surfacing, for a total of 104,660 tons, making this item 93% complete. The fencing contractor, Swan & Sons, started fence operations on 9/8/76 and completed all fence on 9/10/76. The project as a whole is 76% complete with 90% of the contract time elapsed. A 5-10 man engineering crew inspecting contractor operations, and doing miscellaneous survey work.

Rf-62 (14), & RF-132 (14)
Shelby-Chester, Chester-West
5.36 mile grade, aggr. surf.
Surf., storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 7/1/77

Progress has been good. The contractors worked nine 8 to 9 hour shifts with up to 25 men employed. Unclassified excavation and related items are complete except for final finishing and cleanup. Hauled and placed 18,345 ton 1½" C.B.S. for a total of 95,345 tons or 95% complete. Drainage items are 90% complete. Curb and gutter is 35% complete. The project as a whole is 65% complete with 46% of the contract time elapsed. A 5-15 man engineering crew is working on inspection and layout.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunburst South
Gr., agg. surf., pl. mix
Bit. base, pl. mix bit.
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles- Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/29/76

Hilde Construction Co., Inc. &
Maronick Construction Co.,Inc.(JV)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date:9/30/77

STRUCTURES:
Progress as a whole has been good. The subcontractor, Sletten Construction Co., worked nine 8 hour shifts with up to 8 men employed. Footings for intermediate bents are complete at

Sta. 1419+ (Sunburst Int.) with columns poured on Bent No. 3. The structure at Sta. 1439+ (Railroad structure) footings are complete on the intermediate bents. No work has been done on the McVey Interchange at Sta. 1644+. The subcontractor has the structures 10% complete as of this date, hereby correcting the last newsletter. A 2-3 man engineering crew has been engaged in project inspection on this and other projects.

ROADWAY:

The subcontractor, Clark & Son, worked nine 9 hr. shifts employing 4 men. Reset 449 rods fence and set panels. Fencing items as a whole are 50% complete. The contract as a whole is 2% complete with 23% of the contract time elapsed. A two man engineering crew is engaged in inspection and construction layout. Construction layout as a whole is 85% complete.

UTILITY REVISIONS:

Marias River Electric worked one 4 hr. shift employing 2 men. Preparations to make change over. Revisions are approximately 90% complete and is expected to be completed within two weeks. Northern Telephone Co-op did not work this reporting period. Their revisions were completed July 7, 1976. However, Mr. Lloyd Lanius stated he will redo their revisions as communications trouble has been encountered. Burlington Northern RR completed installation of revisions on July 29, 1976. These revisions will be removed and changed after construction is completed.

I-15-8 (28) 343 Unit 1
Toole County Linc-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co.,Inc. and
Maronick Construction Co. Inc.(JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 250 working days
Probable Completion Date: 9/31/76

Progress has been poor. The prime contractor returned to work on the 14th. Worked one 8 hr. shift and one 12 hr. shift with up to 9 men employed. Excavated and placed plant mix on the right frontage road from station 273+00 to 276+00. The subcontractor, Swan and Son, returned to work on the 13th and worked three 8 hr. shifts with 6 men employed. Installed 303 rods of fence left of sta. 124+97 to 175+00. The subcontractor, Walt Lins, on September 14th striped the right frontage road from sta. 272+50 to 334+00. Employed 3 men on one 4 hr. shift. Engineering crew worked 24 mandays inspecting, staking fence line and remeasuring.

STRUCTURES:

Progress has been good. The subcontractor, McIntyre Construction Co., and S. Burch, Inc., worked eight 8-10 hour shifts with up to 9 men employed. All the beams have been placed. Presently forming backwalls, diaphragms, and deck. The structure as a whole is 24% complete. A 2 to 3 man engineering crew has been engaged in project inspection on this and other projects. The project as a whole is 77% complete with 75% of the contract time elapsed.

I-15-8 (28) 343 U-2
Toole County Line-North
1-Prestressed conc. Girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Completion Date: 9/2/76

Progress has been fair. The contractor, Sletten Construction Co., worked one 8 hr. shift with one man employed. The second coat of protective coating was applied at Sta. 142+00 and both structures at Sta. 540+00. This completes all items on the contract. On Sept. 10, 1976 Mr. Donald L. Fenton, FHWA conducted a Final Inspection on the above project. Work on the final will be completed as time permits. The project as a whole is 100% complete with 72% of the contract time elapsed. A 2-3 man engineering crew has been engaged in project inspection on this and other projects.

I-15-8 (28) 343 Unit 3
Toole County Line - North
Dual 481.5' prestressed Conc.
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 235 working days
Probable Completion Date: 10/31/76

Progress has been good. The contractor worked seven 8 hour shifts and one 13 hour shift with up to 18 men employed. Spans No. 1, No. 2, and No. 3 have been poured which completes the N.B. deck. Curbs both sides on spans No. 4 and No. 5 N.B. have been poured. Contractor has done some deck stripping on end spans N.B. Curbs are being stripped and finished as work progresses. Bridge rail has been set, sanded, spot painted, and the first field coat has been applied with 50% of second field coat on S.B. The subcontractor, Hilde Constr. Co. has not worked on grading operations this past reporting period. The project as a whole is 96% complete with 86% of the contract time elapsed. A 2-3 man engineering crew has been engaged in project inspection on this and other projects.

M5708 & RS 70 (10)
Havre-South (North Section)
Hill County
1.23 miles, grade, aggr. surf.
pl. mix bit. surf., signing
and installation of Flasher
Contract Let: 1/15/75
Contract Amount: $899,539.01
Work Started: 3/21/75

Baltrusch Construction Co., Inc.
& Affiliates, Havre, Montana.
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 130 working days
Completion Date: 3/20/76

The final estimate and supporting data was submitted to the Division office on 8/26/76. Checking the final estimate and supporting data is 98% complete and will be submitted to the Construction Bureau approximately 9/24/76.

ERFO 72 (12) Babb North
to Kennedy Cr.
0.2 miles, Glacier County
Structures & Approaches
Contract Amount: $610,356.49
Contract Let: 4/1/76
Work Started: 4/13/76

Sletten Construction Co.
Great Falls, Montana
Albert W. Bonner, Fld. Proj. Mgr.
Babb, Montana
Contract Time: 140 working days
Probable Completion Date: 11/15/76

Progress has been fair. The contractor, Sletten Construction Co., worked five 8 hr. shifts with 2-3 men employed. All work on the structure is complete. The subcontractor, Kraus Construction Co., worked five 8 to 16 hr. shifts and five 8 hr. shifts with 2 to 3 men employed. Work remaining to be completed includes placing guard rail, seal and cover, remove detour, seeding, and general clean up. The project as a whole is 87% complete with 70% of the contract time elapsed. A two man engineering crew is engaged in project inspection.

SMP-0899-76
Chouteau, Glacier
and Hill Counties
Crushing & Stockpile
Contract Let: 1/23/76
Contract Amount: $118,078.00
Work Started: 3/31/76

Francis Tindall
Lewistown, Montana
William J. Neely, Lab. Supr. III
Havre, Montana
Telephone No. 265-6821
Contract Time: 60 working days
Probable Completion Date: 10/15/76

No work on this project. All contract items are 100% complete. Contract time has been suspended until seeding of pit area can be accomplished, in accordance with Art. 17:13 (F) 2. The project as a whole is 96% complete. 100% of the original contract time has elapsed and 80% of extention time remains. All project notes and data was submitted to the Division office on 7/22/76. All gravel quantities have been checked by Division office personnel.

TQX-220 (14) Cut Bank-West
4.95 mi. Glacier County
pl. mix surf. overlay
(skid correction)
Contract Let: 7/30/76
Contract Amount: $236,519.40
Work started: 9/14/76

Gus M. Albert
Miles City, Montana
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 43402022
Contract Time: 40 working days
Probable completion date: 10/15/76

Progress has been fair. The contractor, Gus Albert, started work on Sept. 14, 1976. Employed up to 17 men on six 9 hr. shifts setting up the crusher, hot plant and widening shoulders. A 3 man engineering crew worked 16 mandays inspecting and staking shoulder widening. The project as a whole is 2% complete with 42% of the contract time elapsed.

RF-FLH 353 (15)
Two Medicine Bridge-East
6.1 mi.- Glacier County
Grade, gravel surf.,
and pl. mix surface
Contract not let

Hugh Klepzig, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329

Eight men worked 50 mandays relocating centerline control points, setting R/W points and staking the R/W for Utility Company revisions.

Respectfully submitted,

Hazen D. Flickinger, P.E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
SEPTEMBER 16, 1976

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction NewsLetter for the period ending September 14, 1976.

GENERAL

Progress throughout the Division was fair. The weather was mostly fair with temperatures ranging from +30 degrees to +85 degrees.

PRECONSTRUCTION

F-RF-245(12), SAVAGE - CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - May 1, 1977

During the past period, 4 man days were used on section ties. Fly line, centerline, bench levels and X-sections are 100% complete. Plotting plan and profile are 99% complete; irrigation and drainage items are 99% complete; and section ties are 99% complete. This survey remains 99% complete with 785 man days used to date.

RF-325(9), SIDNEY - FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 man days used.

RS-31(7), CIRCLE - NORTHWEST
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Length - 10.524 Miles

H. D. Kelly, Field Proj. Manager
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1977

Survey was suspended March 1, 1976, with 416.5 man days used to date. The survey is approximately 47% complete.

RS-302(24), BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on Aug. 10, 1976.

RS-347(15), ALZADA - EKALAKA
2ND SECTION - 18.4 MILES
Survey Authorized - March 4, 1970

Unassigned

Targets were set and aerial photographs taken. Work will begin when personnel are available, probably during the coming period.

PROGRESS REPORT

PRECONSTRUCTION

S-359(6) 2ND SECT., MARSH- GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - June 30, 1977

No work on this project during the past period. Design remains 10% complete with 32 mandays used t
date.

RS-361(13), PRESSERVILLE- FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G. L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 man days used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON - DAWSON CO. LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY - FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Fld. Proj. Mgr. --Roadway
C. H. Neiffer, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-2877
Contract Time - 260 Working Days
Probable Comp. Date - November 30, 1977

Progress this past period has been poor. Prime contractor, Joe Mayo & Son, Inc., employed 37 men for nine 8-hour shifts excavating and placing 33,215 cu. yds. of unclassified borrow making this item 41% complete, crushing and stockpiling approximately 20,000 tons of 1½" Plant Mix Base aggregate, excavated 1943 cu. yds. of culvert excavation making this item 32% complete, installed 243 ' of 48" Irrigation CSP making this item 54% complete, and removed 4 signs making this item 9% complete. Sub-contractor, Swan & Sons Inc., employed from 3 to 6 men for six 8-hour shifts forming and placing 15.585 cu. yds. of Cl. DD concrete in cutoff walls and edge protection making this item 29% complete. Signing sub-contractor, Schmoll Construction, employed 3 men for three 9-hour shifts signing old U. S. No. 10 and temporary X-overs. Striping sub-contractor, Mark Rite Lines Inc., employed 3 men for one 12-hour shift and one 4-hour shift placing temporary striping on new East and Westbound lanes and crossovers. Also placed permanent striping on Old U. S. No. 10 and County Road West. Structure sub-contractor, Swingen Construction Co., employed 26 men for nine 8-hour shifts forming superstructure, which is about 80% complete, placing reinforcing steel for deck and deposited concrete for diaphragms on spans 1 & 2 on the Fallon Interchange structure. On the Yellowstone Grade Separation, all substructure units are complete except for cap on Bent #2, also placed both applications of protective coating on Bridge over Buffalo Rapids Canal and structure was opened to traffic 9-3-76. Project as a whole is 34% complete with 93 working days or 36% of the contract time elapsed. Construction layout remains an estimated 88% complete with 8 engineers and 7 inspectors or testers employed this past period.

I-94-5(15)183 UNIT 1
FALLON - DAWSON COUNTY LINE
Length - 0.221 Miles
Bridge Substructure and Approaches
Contract Awarded - July 29, 1974
Amount of Contract - $2,167,615.36
Work Started - August 7, 1974

Sletten Construction Co.
P. O. Box 2467, Great Falls, Montana
H. D. Kelly, Fld. Proj. Mgr., App's
A. J. Kuntz, Fld. Proj. Mgr., Substr.
Glendive, MT - Phone 365-5296
Contract Time - 300 Working Days
Comp. Date - April 21, 1976

All work was completed on this project April 21, 1976. The supporting data for the bridge portion of the contract has been turned into the Division Office where final checking is 90% complete. The grading portion of the final estimate is an estimated 83% complete with 1 engineer employed 1½ days this past period.

I-94-5(15)183 UNIT 2
FALLON - DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A. J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - December 1, 1976

Progress during the past period has been poor. Due to Labor Day holiday, only nine 8-hour shifts were worked with 24 employed. Most of the period was spent replacing new endless cable in cableway to replace one that broke August 25, 1976. Hangers were being fabricated for safety nets and nets hung in span No. 5 EBL. Jacking frame was removed from Pier No. 5 WBL and placed on Pier No. 4 EBL. Field splicers were being bolted up on the ground. Balance of girders were hauled from the railway siding storage area to the project site. All the steel for EBL is on project. Project as a whole remains 21% complete with 14 working days used or 11% of the contract time elapsed. Construction layout with one engineer and 2 inspectors torqueing bolts part time is 35% complete.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, MT 59101
H. D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - May 2, 1977

The project was conditionally accepted July 11, 1975, and was opened to the public on July 18, 1975. Acceptance is conditional as per Special Provision 17.44. Plant Establishment Period ending September 1, 1976. The contractor has not been present for any of the monthly inspections of the plants. All inspections have been made by the Project Manager with written reports of the findings being submitted to the contractor. The contractor has advised that none of the 35 various shrubs and trees that require replacement can be obtained this planting season. Therefore plant replacement will probably not be completed until the Spring of 1977. The project remains 99% complete with 100% of contract time elapsed. The final notes and white prints have been checked in the Division Office.

I-94-6(23)202 GLENDIVE - WEST
I-94-6(28)209, GLENDIVE - EAST & WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surfacing
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr., Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - October 31, 1976

Progress this past period was good. Prime Contractor, Joe Mayo & Son, Inc., worked nine 9-hour shifts employing 50 to 65 men. Work consisted of installing 214 lin. ft. of culverts for 95% complete, hauling and compacting 47,000 cu. yds. uncl. exc. for 98% complete, producing and placing 69,244.8 tons of 1½" base course Gr. 5 for 69% complete, producing and placing 11,117.8 tons of 1½" plant mix base for 63% complete. Sub-contractor, F. L. Flynn & Co., worked nine 8-hour shifts employing 16 men. Work consisted of placing Class "AD" concrete for caps on Bents No. 2 and 3, Structure @ STA. 3227+50 (WBL) and backwall on Bent No. 5 Structure @ STA. 3098+24.1 for 72% complete. Forming work in progress for superstructure on structure at STA 3098+24.1. The project as a whole is 75% complete with 166 working days used or 69% of the contract time elapsed. Construction layout with 6 to 10 engineers and 10 inspectors is estimated to be 87% complete.

RF-245(27), GLENDIVE - SIDNEY, SAVAGE - SOUTH
Length - 2.6 Miles
Grade, Aggr., Surf., Plant Mix
Bituminous Surf. and Signing
Contract Awarded - January 24, 1975
Amount of Contract - $538,934.96
Work Started - April 15, 1975

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 120 Working Days
Comp. Date - July 20, 1976

On July 20, 1976, the project was completed and accepted. Final estimate is approximately 96% complete with one man working part time.

RF-246(21)
LINDSAY - NORTH & SOUTH
Length - 9.6 Miles
Grade, Aggr., Surf., Plant Mix Surf. & Drain
Contract Awarded - June 13, 1975
Amount of Contract - $1,446,967.13
Work Started - November 6, 1975

Gus M. Albert, Contractor
Box 370, Miles City, Montana 59301
David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 220 Working Days
Prob. Comp. Date - October 1, 1976

Progress this past period has been fair. Prime contractor Gus Albert worked six 9-hour shifts produced and hauled 1,047 tons of Type III Plant Mix making this item 100% complete. A total of 24 men were employed. Sub-contractor Swan & Son worked five 8-hour shifts installing 50 station markers making this item 100% complete, also installing 500 rods of F4W and F4M fence, 244 lin. ft. of Farm Gate Wire, 13 single panels. A total of 5 men were employed. Sub-contractor Mark Rite Lines, Inc., started and completed striping project on September 1, 1976. The project as a whole is 95% complete with 179 of 237 calendar days or 76% of the contract time elapsed. The construction layout with 7 men engaged is 95% completed.

PROGRESS REPORT

CONSTRUCTION

RF-391(16), LAMBERT - EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum, Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, No. Dakota
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 110 Working Days
Probable Comp. Date - June 1, 1977

No work on the project this past period. Plant mix surfacing remains at 100% complete along with temporary striping. The contractor plans to return to the project later this fall and crush and stockpile the cover material for future application. The project as a whole is 70% complete with 62 days or 56% of the contract time elapsed. Engineering crew is engaged on another project.

RS-128(12), WIBAUX COUNTY LINE - NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base and Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
James Baldwin, Field Proj. Mgr.
Culbertson, Montana
Contract Time - 160 Working Days
Probable Comp. Date - June 30, 1977

Progress this past period has been fair, 20 men on grading and culvert crews working 9-hour shifts 5 days per week in mile six of the project. 40,000 cubic yards of unclassified excavation moved to date for 9% complete; 796 linear feet of culverts installed for 22% complete. The fencing sub-contractor began work on the project on September 9,1976 with 7 men working 8-hour shifts also in mile six of the project; 300 rods of fence erected to date for 16% complete. The project as a whole is 4% complete with 58 days or 36% of the contract time elapsed. The construction layout with a 6-man engineering and inspection crew engaged, is 90% complete.

RS-128(14), 9 MI. NORTH OF WIBAUX - NORTH
Length - 4.5 Miles
Grade, Agg., Surf. Drain
Contract Awarded - May 21, 1975
Amount of Contract - $502,201.62
Work Started - July 3, 1975

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
Dennis C. Tenney, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - Sept. 15, 1976

Progress this past period has been poor. Prime contractor Neshem-Peterson, Inc., worked nine 10-hour shifts on general cleanup of project and pouring 12 cu. yds. class "DD" concrete making this item 100% complete, also poured 4 cu. yds. Class "AC-DC" making this item 65% complete. Uncl. Exc., Topsoil and drainage items are 100% complete. Four to nine men were employed. Surfacing sub-contractor, Earth Builders, Inc, worked nine 9-hour shifts hauling 6,962 tons of 1" CBC making this item 97% complete. Nine to eleven men were employed. The project as a whole is 93% complete with 181 calendar days used or 119% of the contract time. The construction layout with three to five men engaged is estimated 100% complete.

PROGRESS REPORT CONSTRUCTION

RS-302(23) TERRY - BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf. Plant Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Field Proj. Manager
Glendive, Montana - Phone 365-5296
Contract Time - 180 Working Days
Prob. Comp. Date - June 1, 1977

There has been no work on this project this past period. The contractor plans to start crushing plant mix base aggregate on September 16, 1976. The project as a whole remains 5% complete with 94 working days or 52% of the contract time elapsed. Construction layout remains 80% complete with no engineers employed this past period.

RS-347(17), ALZADA - EKALAKA
Length - 4.3 Miles
Grade, Aggr., Surf. Pl. Mix Base and Signing
Contract Awarded - November 24, 1975
Amount of Contract - $860,118.32
Work Started - March 25, 1976

Joe Mayo and Son, Inc.
Box 310, Cavalier, No. Dakota 58220
B. F. Kelly, Field Project Manager
Ekalaka, Montana - Phone 775-5582
Contract Time - 130 Working Days
Prob. Comp. Date - September 30, 1976

Progress this past period was good. Contractor Joe Mayo and Sons, Inc. employed one to three men working four 8-hour shifts. Work consisted of brooming highway preparing it for striping and placing riprap for a total of 88.8 cu. yds. or 100% complete. Also placed 100 lineal feet of bituminous curbs making this item 100% complete. Sub-contractor Mark Rite Lines, Inc. with three men employed worked one 2-hour shift striping entire project. The project as a whole is 96% complete with 87 working days used or 66% of contract time elapsed. Construction layout with one to five men employed is estimated 91% complete.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor
Division Construction Section

BR/sb

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
September 17, 1976

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending September 17, 1976.

GENERAL

The weather has varied from cool to warm with mild winds and no measureable amount of precipitation this past period. Progress on road construction has been fair. Off system roads and signing projects are progressing slowly The temperatures ranged from a low of 44 to a high of 82 degrees.

PRECONSTRUCTION

F 193 (22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-25-75
Survey Suspended--04-26-76

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
787-5761
Est Compl.Date--03-31-77

No work on project the past period. Centerline and bench levels remain at 60% complete, section ties at 15% Field work on project suspended until the end of the current construction season Estimated date of completion is March 31, 1977. The location survey as a whole is 22% complete with 235 man days used to date.

RS 239 (5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-06-74
Location Survey Started--01-07-75

Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Est.Compl.Date--10-15-76

No work accomplished on project the past period. Cross sectioning remains 12% complete and mainline topography is 75% complete Centerline, bench levels and utility topography are 100% complete. Survey is 48% complete or the mile equivalent of 3.8 miles A total of 205 man days have been used to date on location survey. Milar detail map is 75% complete

RS 257 (5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started -05-20-74
Survey Suspended--06-21 74
Survey Resumed--0 -30 75
Survey Suspended- 04-22 75
Survey Resumed- 01-12-76
Design Started--03 22-76

Robert H. Hanson, Designer II
Wolf Point, Montana
653 1050
Act.Compl Date--04-02-76(Location)
Est Compl Date- 10 15-76

RS 257 (5), Tampico-Glasgow (Continued)

Centerline, bench levels, topography and cross sectioning are 100% complete. The tying of section corners is 100% complete. Additional section ties were requested by Division Office personnel and these are being obtained. The location survey is 100% complete. Milar detail map is 90% complete. A total of 404 man days have been used to date on location. Three man days were used on design this period. A total of ninety-seven man days have been used to date on design which is 30% complete. Linen plan sheets submitted to Helena for right of way and utility prints.

RF 266 (14) Scobey-South
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Est.Compl.Date--

Public hearing held on October 7, 1975. Preliminary alignment has been established on auto screen map. Property owners have been contacted for written authorization to survey.

CONSTRUCTION

S 8 (18), Opheim-East
11.735 Miles in Length
GR.,AGG.SURF.,PL.MIX.BIT.BASE & SIGNING
Contract Let--10-25-73
Contract Awarded--10-26-73
Work Started--04-24-74
Proceed Order Date--04-16-74
Bid Price--$848,538.65

Zook Brothers Construction Company
Great Falls, Montana
George L. Nelson, Field Proj. Mgr.
Opheim, Montana
762-3292
Calendar Days--270+69
Actual Compl.Date--08-16-75
(254 Cal.Days)

Project is 100% complete. Final estimate being held in Division Office until additional data is furnished by contractor for change order documentation.

RS 15 (17) & RS 202 (6),
Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--60
Prob.Compl.Date--10-15-76

202 (6)

Progress consisted of placing 10,891 ton of plant mix Gr. C for a total to date of 11,906 ton or 85% complete. 650 ton of 120-150 asphalt cement was used for a total to date of 709 ton or 85% complete.

15 (17)

Progress consisted of placing 2,438 ton of 3/4" top surface for a total to date of 2,438 ton or 70% complete. Thirty contractor employees worked 10 variable hour shifts. Project is 55% complete with 90% of the contract time elapsed. A five man engineering crew is engaged on the project.

RS 98 (7), Wolf Point-North & East Loop (West Section)
13.5 Miles in Length
PLANT MIX BITUMINOUS OVERLAY & SEAL & COVER
Contract Let--06-12-75
Contract Awarded--06-13-75
Work Started--07-10-75
Proceed Order Date--07-17-75
Bid Price--$412,133.50

Gus M. Albert, Contractor
Miles City, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--100
Prob.Compl.Date--10-15-76

Project is 99% complete with 70% of the contract time elapsed. The only work remaining is seeding gravel pit area which will be accomplished this fall. One engineering personnel working periodically on the final.

RF 153 (12), U-1 Dodson-North
0.3 Miles in Length
GR.AGG.SURF.,ROAD MIX SURF., & STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceeded Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Const.,Inc. & Affiliates
Havre, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--120
Prob.Compl.Date--09-30-76

Sub-contractor, Western Sign Corporation, employed five men on three shifts, installing signs and guard rail. 462.5' of guard rail was installed for 100% complete. Signs are 100% complete also. Sub-contractor, Bozeman Sand & Gravel was notified 9-15-76 to return to the project to correct the deficiencies in the 5/8" road mix. The project as a whole is approximately 86% complete with 84% of the contract time elapsed. Four man days were used this last period on inspection. All other personnel assigned to other projects.

RF 193 (23) U-1, Froid-North and RS 206 (3) Homestead East and West
15.16 Miles in Length
GR.AGG.SURF.,PL.MIX.BITUM.SURF.,SIGNING & PL. MIX BITUM, OVERLAY
Contract Let--04-24-74
Contract Awarded--04-26-74
Proceed Order Date--05-22-74
Work Started--07-01-74
Bid Price--$1,561,581.00

Meyer Construction Company
Billings, Montana
James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
787-5701
Calendar Days--330+40
Act.Compl.Date--05-21-76
(322 Working Days)

Final estimate and supporting data were submitted to Helena on September 10, 1976. This will be the last report.

RF 240 (13), Lighting on US 2 East-Wolf Point
0.53 Miles in Length
Contract Let--06-10-76
Contract Awarded--06-15-76
Proceed Order Date--07-06-76 (See S.P. 1B)
Work Started--
Bid Price--$36,969.00

Midland Electric Co., Inc.
Billings, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--45(See Special Provision)

RF 240 (13), Lighting on US 2 East-Wolf Point (Continued)

No progress to date. Preconstruction conference is tentatively scheduled for September 22, 1976.

RS 337 (15), Loring-South
8.964 Miles in Length
GR.AGG.SURF.,PL.MIX BIT.BASE
Contract Let--09-26-74
Contract Awarded--09-27-74
Proceed Order Date--10-18-74
Work Started--04-16-75
Bid Price--$989,941.10

Gus M. Albert, Contractor
Miles City, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--150
Prob.Compl.Date--10-15-76

The project remains 100% complete with the exception of seeding of the gravel pit which cannot be done until the fall seeding season. 144 of the 153 contract working days have been used for 94%. One man day spent working on final this past period, all personnel are assigned to other projects. Estimated submittal date for additional notes for pre-checking is 9-24-76.

SMP 4399-75, Maintenance Stockpiles
McCone,Richland,Roosevelt & Valley Counties
CRUSH & STOCKPILE
Contract Let--12-18-75
Contract Awarded--12-19-75
Proceed Order Date--01-09-76
Bid Price--$171,460.00

Francis Tindall, Contractor
Lewistown, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--95

Project is 100% complete with the exception of final cleanup and seeding of the pit areas. 94% of the contract time has elapsed. One engineering personnel working periodically on the final. Final was submitted to the Division Office 08-09-76 for checking.

Respectfully submitted,

Robert H. Hanson

for Vernon D. Borden, P.E.
Supr.-Div.Constr.Section

VDB:BH:psb

cc: Field Project Managers
Don Williams
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

September 17, 1976

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the reporting period ending September 17, 1976.

GENERAL

Temperatures ranging from +45 to +75 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout this area. Fair progress has been reported on the construction projects.

PRECONSTRUCTION

I 90-9(49)510
Custer Battlefield Intch. Revision
Length 0.5 Miles
Survey Authorized 6-11-76
Work Not Started

Robert E. Ewing, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 2-1-77

Work will commence as soon as personnel are available.

U 53(18) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

No work was accomplished on this project during the last reporting period. Design work is 25% complete.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75
Work Not Started

Billings Division Office
Billings, Montana
Probable Completion Date 3-1-77

Survey will commence as soon as personnel are available.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

John T. Miner, Fld. Project Mgr.
Hysham, Montana
Probable Completion Date 12-15-76

Work was suspended on February 20 and will continue when personnel are made available.

S 45(12) Brandenberg-Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

No work was accomplished on this project during the last reporting period. Design work is 52% complete and the estimated completion date is 1-31-79.

RS 129(15) Columbus - North
3.6 Miles
Survey Authorized 12-10-75
Survey Started 12-22-75

Michael Zahn, Fld. Project Mgr.
Columbus, Montana
Probable Completion Date 10-15-76

No personnel were assigned to this project during the past reporting period. The project remains 67% complete with 234 man days reported to date.

S 252(4) Rosebud South (North Section)
8.100 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 12-31-76

No work was accomplished on this project during the last reporting period. Design work is 27% complete.

S 260(10) Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the last reporting period. Design work is 50% complete.

DP 334(26) Crow Agency -Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Busby, Montana
Phone No. 592-3663
Probable Completion Date 10-20-76

No work was accomplished by the field engineering crew during the past two weeks. All personnel assigned to construction project RF-FLH 334(25). The project is 44% complete.

I-IG 90-8(64)391 U1 & I 90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Work Started 6-26-75
Contract Awarded 6-5-75

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Columbus, Montana
Phone No. 322-5952
Contract Time: 260 Working Days
Probable Completion Date 10-15-76

Bridge items are 100% complete. Grading items are 99% complete. Fencing items are 62% complete. Drainage items are 97% complete. Seeding items are 71% complete. Guardrail items are 44% complete. Empire Sand and Gravel Company, Inc. subcontractor on the subject project, produced and placed 5,928 tons of one inch plant mix bituminous base surfacing for a total to date of 30,347 tons. The subcontractor hauled and placed 8,043 tons of one inch top surfacing for a total to date of 8,302 tons and primed same. Surfacing items are 94% complete. The subcontractor worked two 11-hour shifts with 16 men employed and five 11-hour shifts with five men employed. A five man engineering crew has been inspecting construction, computing quantities and checking notes. Construction layout is 96% complete. The project is 95% complete with 65% of the contract time elapsed.

I 90-9(28)501 U1 & I 90-9(34)491 & FI 188(10) Garryowen North & South
8.1 Miles of Grading Agg.
Surf., Pl. Mix Surf., Fencing
Signing & Related Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire
Sand & Gravel Co's., Contractors
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 10-30-76

Fair progress. The majority of the grading operation has been completed. Crushing and placing 3" and 1½" gravel from Station 155 to 240+00. A total of 319,500 tons have been hauled to date or 75% of gravel placed. Detour constructed, striped, signed and open to public at Stations 879+00 to Station 905. The contract as a whole is 55% complete with 71% of the time elapsed or 201 days used. A twenty-two person engineering crew is engaged in bluetopping, staking, remeasuring gravel checking, various inspections and related office work.

I 90-9(28)509 Unit 2
Structures on Garryowen North and South
0.030 Mile in Big Horn Co.
Contract Let 8-15-74
Amount of Contract - $638,451.76
Work Started 10-16-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 170 Working Days
Completion Date 5-11-76

The contractor has completed the project within the contract time alloted. Structure staking and computations are 97% complete. Twelve man days have been charged to the project during the newsletter period working on final computations.

I 90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23-75
Work Started 8-23-76

Empire Sand & Gravel, Contractor
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 10-30-76

The contractor completed base and top course placement on 9-18-76. A six person engineering crew was engaged in testing, checking scales and setting shoulder lines. There has been 71% of the time elapsed or 85 days used.

I 94-1(27)23 Unit 1
Grading and Fencing on the
Pompeys Pillar-East (West Sec.)
Road in Yellowstone County
Contract Let 6-13-74
Amount of Contract - $2,257,636.45
Work Started 7-1-74

Wickens Brothers, Contractor
Suffolk, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875-2503
Pompeys Pillar, Montana
Contract Time: 350 Calendar Days
Probable Completion Date 9-30-76

No work was accomplished on the project this period. All major items on the project are now complete. Some minor cleanup work remains and will be done as soon as equipment is available from another project. The project is 99% complete with 87% of the contract time elapsed. One man worked in the office checking quantities. The engineering layout is 99% complete.

I 94-1(27)23 UNIT 2
Structure on Pompeys Pillar
East (West Section)
0.085 Miles in Yellowstone Co.
Contract Let 8-15-74
Amount of Contract - $1,219,075.98
Work Started 9-12-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 230 Working Days
Completion Date 7-2-76

The contractor has completed the project within the contract time allotted. Structure staking and computations are 96% complete. Eight man days have been used on the project for final computations during the newsletter period.

I 94-1(41)23 Pompeys Pillar-East
Agg. Surf., Plant Mix Surf.,
Gr. Rail & Signing
11.526 Miles-Yellowstone County
Contract Let 11-14-74
Amount of Contract - $2,147,544.57
Work Started 11-22-74

Hilde & Maronick Const. Company
Helena, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875-2503
Pompeys Pillar, Montana
Contract Time: 200 Working Days
Completion Date 9-9-76

The contractor worked one 9½-hour shift completing minor repair work and final cleanup on the project. Five men were employed. The project is 100% complete with 81% of the contract time elapsed. One person is working in the office compiling and summarizing quantities for the final estimate. Engineering layout is 99% complete.

I 94-2(17)60 U1 & I 94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working Days
Probable Completion Date 7-1-77

Poor progress. No working days were lost to adverse weather conditions. Frank Gurney, Inc., subcontractor, worked nine days installing concrete median barrier, and installing guardrail, and eight days installing signs. Wickens Bros., contractor, worked two days on grading and culvert installations. Seventeen men are presently being employed on the projects. Gurney's work is being carried out in one eight hour shift, five days weekly. Wickens are working one nine hour shift, five days weekly. Percentage complete of the various items are as follows. Grading 79%. Drainage 82%. Surfacing 12%. Structure 97%. Fencing 75%. Signing 7%. Project as a whole is 46% complete. Six employees are presently assigned to the project. Construction layout is 50% complete. 191 of the allotted 301 working days have now been used, making 63% of the contract time elapsed.

I 94-2(17)60 Unit 2
Structures on Hysham East & West
0.061 Miles in Treasure County
Contract Let 5-29-75
Amount of Contract - $587,720.44
Work Started 7-1-75

Huchaba Construction, Contractor
Whitehall, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 175 Working Days
Completion Date 9-13-76

Fair progress. The contractor worked seven 8-hour shifts and employed three men on the project. The contractor applied protective coat, completed finishing and cleanup on all structures. The project is 100% complete with 178 working days of which five days are time extensions, or 99% of the contract time elapsed. Structure staking and computations are 90% complete. Twelve man days have been charged to the project this newsletter period.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles-Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Not Started

McEachern Const. Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 8-1-77

A four man engineering crew worked on the project running R/W line left and right of centerline. Centerline is 100% complete and R/W line is 75% complete. The engineering layout is 4% complete. The contractor has requested a preconstruction conference for September 21, 1976.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 5-1-77

Good progress. Drainage work in progress has been the excavation for and the installation of the drop inlets and drain pipes on third street between 97+00 and 102+00. Grading work is in progress on Center Ave. between 10+50 and 13+00 and on Third between 97+30 and 105+00. 1½" crushed base course is being hauled and placed on Center Ave. between 10+50 and 18+00 and on Third Street between 98+00 and 105+00. On Center Ave. between Station 10+50 and 45+00 has been primed. One inch conduit and light bases are being placed on Center Ave. between 11+28 and 68+70. Sandon Construction Company, subcontractor, worked one 8-hour shift with seven men employed. Midland Electric Company, subcontractor, worked nine 8-hour shifts with six men employed. The contractor worked nine and one half hour shifts with 22 men employed. A total of 35 men were employed on the project this reporting period. The miscellaneous items are 31% complete. The grading items are 78% complete. Drainage items are 79% complete. Fencing items remain 43% complete. Surfacing items are 58% complete. Curb and gutter items are 32% complete. The signing and lighting items are 13% complete. The project as a whole is 59% complete with 95 days of the 183 Working Days allowed having been used or 52% of the contract time elapsed. One five man survey crew has been pipe staking, bluetopping subgrade and gravel and staking curb and gutter and conduit and light bases. Two men have been working in the office on quantity and other notes. One man is on pipe and compaction inspection. Two men are on curb and gutter inspection. A four man crew is assigned to the gravel operation. Engineering layout is 60% complete.

RF-FLH 334(25) Busby-Lame Deer 3rd Sec.
Crow Agency - Broadus Road
Grade, Drain Agg. Surf., Pl. Mix
Bit. Surf., & Signing 5.8 Miles
Amount of Contract - $2,257,153.79
Contract Awarded 6-9-75
Work Started 9-29-75

Hilde Construction & Maronick Const.
East Helena, Montana
Raymond J. Schaak, Fld. Project Mgr.
Phone No. 592-3663
Busby, Montana
Contract Time: 180 Working Days
Probable Completion Date 9-30-76

Fair progress. The contractor worked nine 9-hour shifts on general cleanup. Six men were employed by the contractor during the past two weeks. Work in progress consists of general cleanup throughout the project. The highway striping subcontractor is scheduled to begin striping on September 13, 1976. All items are as follows. Grading 100% complete. Drainage 100% complete. Aggregate Surfacing 100% complete. Bituminous Surfacing 100% complete. Miscellaneous 75% complete. Signing 0% complete. Erosion Control 50% complete. A seven man engineering crew is assigned to construction inspection and layout. The project is 98% complete with 70% of the contract time elapsed. Construction layout is 99% complete.

M 1006(1) Broadwater Ave.
12th to 14th St. West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 12-1-76

The contractor has an average of six men employed and worked seven 8-hour shifts laying 8" CIP on Broadwater Ave. and 12th St. West, backfilling sewerline trench on Broadwater Ave. and 12th Street West, setting manhole at Station 1+94, laying 12" RCP from manhole station 1+94 to the 48" RCP and filling area right of 2+00 to 3+50 on Broadwater Avenue. Traffic Control is approximately 6% complete. Manhole-48" Type 1, is approximately 75% complete. Adjust manholes is approximately 60% complete. Excavation-culvert is approximately 30% complete and RCP 12" Class 2 is approximately 29% complete. All other items remain as previously reported. Contract time elapsed has been 56 working days or 62% to date and 34 working days remain. Engineering time charged to the project has been 47 man days during the past reporting period. The project as a whole is approximately 20% complete.

M 1008(2) Central Ave. Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Contr.
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 11-1-76

The Prime contractor, Sletten Construction Company had six men employed and worked nine 8-hour shifts setting forms, placing concrete and stripping and finishing the concrete for the abutment and wingwalls of abutment No. 1. The subcontractor, Barry O'Leary Construction Co., had five men employed and worked seven partial shifts placing concrete for curb and gutter, finishing 1½" material, and laying and finishing 3/4" material. The subcontractor, Stolzenburg Inc., had one man work two 8-hour shifts building berms and finishing behind the curbs. Mobilization is 50% complete. Excavation-Unclassified is approximately 76% complete. Topsoil-Salvage and placing is approximately 5% complete. Compaction Roadbed is approximately 51% complete. Top surfacing 3/4" Grade 2 A is approximately 42% complete. Curb and gutter concrete is approximately 36% complete. Reinforcing Steel is approximately 56% complete. Concrete-Class AD is approximately 64% complete. All other items remain the same as previously reported. Contract time elapsed has been 56 working days or 37% to date and 94 working days remain. Engineering time charged to the project has been 54 man days during the past reporting period. The project as a whole is 31% complete.

M 1020(2)
U.S. 10 & Moore Lane
Street Work Lighting & Signals
Contract Let 2-28-75
Contract Amount - $179,653.25
Work Started 10-6-75

Long Construction Company
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 45 Working Days
Completion Date 7-2-76

One man working in the office on the final estimate which is 99% complete and will be in the Division Office as soon as possible.

RS 129(14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing &
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contr.
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 322-5952
Columbus, Montana
Contract Time: 150 Working Days
Probable Completion Date 10-1-76

Bridge items are 100% complete. Grading items are 99% complete. Drainage items are 93% complete. Fencing items are 83% complete. Seeding items are 93% complete. Meyer Construction Company hauled and placed 3,052 tons of 1½" base course for a total to date of 80,011 tons. They produced and placed 6,717 tons of one inch plant mix bituminous base surfacing for a total to date of 6,717 tons. Surfacing items are 63% complete. The contractor worked one 10-hour shift per day with 25 men employed. A five man engineering crew has been inspecting construction, computing quantities and checking notes. Construction layout is 92% complete. The project is 87% complete with 85% of the contract time elapsed.

HHS 212(20) Lodge Grass-North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Started 8-25-76

Empire Sand & Gravel Co., Inc.
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 10-15-76

The contractor began placing one inch plant mix base on the roadway on September 7, 1976 working six 10-hour shifts. Four inspectors have been engaged. There has been 98% of the contract time used or 59 days and the project is 70% complete.

Respectfully submitted,

C. W. Klimper

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/cw

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
September 17, 1976

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending September 17, 1976, for Division 5230 - Miles City, Montana.

GENERAL

Mostly clear skies and occasional windy periods along with temperatures ranging from 34° to 89° prevailed during the period. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

RS 45 (12) - Garland-Northeast Extension
Length - Approx. 1.5 Miles
Survey Not Started

Field Project Manager - Not Assigned
Probable Completion Date: Jan. 15, 1977

Engineering personnel will be assigned to this 1.5 mile extension of Project RS 45 (12) as soon as available.

S 252 (4) - 8 Mi. So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974

Ray R. Garland, Field Project Manager
Forsyth, Montana - Tel. No. 356-2230
Probable Completion Date: June 15, 1977

To date, centerline and levels have been run and ownerships checked on 9.0 miles or 100% complete. 100 man days have been used. The survey as a whole is 29% complete.

DP 252 (5) - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: March 15, 1977

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94
(Center Section)
Length - Approx. 17.9 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: Jan. 30, 1977

No work was performed on this project during the past period. A total of 387 man days have been used to date. Ground control work for photogammetry design has been completed. Further field work will not be performed until requested.

DP 362 (9) - Lame Deer-Colstrip
Length - Approx. 17.1 Miles
Survey Not Started

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: April 15, 1977

Authorization to make this location survey was issued June 18, 1976. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized June 18, 1976. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approx. 20.4 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Engineering personnel will be assigned when available.

RS 460 (10) - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Broadus, Montana - Tel. No. 436-2891
Probable Completion Date: June 15, 1977

Field Project Manager, Robert E. Swanson, and crew were assigned to this project August 1, 1975. Work in progress since that date has consisted of checking ownerships and securing Right-of-Entry Permits and establishing fly line.

CONSTRUCTION

I 94-3 (29) 90 U-1 - East Forsyth Interchange
Construction of a Dual 194' Concrete Girder
Overpass & Approaches
Contract Let: May 29, 1975
Proceed Order: June 26, 1975
Amount of Contract: $514,972.17
Work Started: July 10, 1975

COP Construction Company, Contractor
Billings, Montana
Walter D. Dane, Field Project Manager
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 150 Working Days
Actual Completion Date: August 5, 1976

I 94-3 (29) 90 U-1 (Continued)

All items were completed in conformance with Plans, Specifications, and Special Provisions August 5, 1976. Formal inspection and acceptance were made August 6, 1976. The final estimate was submitted to the Division Office September 2, 1976, and is currently 92% complete.

I 94-3 (29) 90 U-2 - Forsyth-E & W
Length - 5.745 Mi. Grad., Gravel Surf. Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US-12 - I Conn. - Forsyth
Length - 0.306 Miles Grad., Gravel Surf. Pl. Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Fld. Proj. Mgr. (Structure)
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

Progress during the past period has been good. 100,000 cubic yards of unclassified excavation were moved making a total of 125,000 cubic yards or 9% complete. 75,000 cubic yards of unclassified borrow were moved making a total of 75,000 cubic yards or 15% complete. 172 lineal feet of CSP culvert have been placed making a total of 588 lineal feet or 16% complete. 1,500 lineal feet of chain link fence were installed making a total of 1,500 lineal feet or 13% complete. 8,152 tons of plant mix seal were placed making a total of 8,152 tons or 43% complete. The contractor worked eighteen 9-hour shifts with 66 men employed. Structures are 11% complete. The contract as a whole is 9% complete with 24% of the contract time elapsed. Construction layout, with a 10-man engineering crew engaged, is 68% complete.

I 94-3 (27) 114 - Hathaway-East & West
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: June 30, 1977

Progress during the past period has been good. 16,000 cubic yards of unclassified borrow were moved making a total of 716,000 cubic yards or 100% complete. 75,000 cubic yards of unclassified excavation were moved making a total of 175,000 cubic yards or 100% complete. 1,711 tons of 1½" crushed base course were placed making a total of 1,711 tons or 3% complete. Contractor is presently stockpiling type 3 plant mix aggregate. CSP culvert is 56% complete, SSPP culvert is 100% complete, and RCP culvert is 100% complete. The prime contractor worked twenty 9-hour shifts during the past period with 50 men employed. Structures as a whole are 99% complete. The project as a whole is 71% complete with 48% of the contract time elapsed. Construction layout, with an eight-man engineering crew engaged, is 77% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf. and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

Progress during the past period has been good. 71,457 cubic yards of unclassified excavation were moved making a total of 219,700 cubic yards or 91% complete. 904 lineal feet of CSP pipe were layed making a total of 2,376 lineal feet or 69% complete. 102 lineal feet of SSPP culvert were layed or 100% complete. 4,194 tons of 1" base course have been placed making a total of 10,764 tons or 47% complete. The contractor began crushing and stockpiling plant mix aggregate on September 8, 1976. 409 rods of farm fence type 4W were installed for a total of 2,553 rods or 85% complete. The prime contractor worked seventeen 9-hour shifts with an average of 45 men employed. The fencing subcontractor worked ten 8-hour shifts with 4 men employed. The project as a whole is 22% complete with 43% of the contract time elapsed. Construction layout, with a 9-man engineering crew engaged, is 72% complete.

BRF 262 (19) - Broadus-Wyoming Line
Construction of a 121.5' Steel & Concrete Girder Bridge & Approaches over the Little Powder River
Contract Let: February 27, 1975
Proceed Order: April 16, 1975
Amount of Contract: $428,992.40
Work Started: June 4, 1975

COP Construction Company, Contractor
Billings, Montana
Robert E. Swanson, Fld. Proj. Mgr. (Appr.)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Broadus, Mt. - Tel. No. 436-2891
Contract Time: 125 Working Days
Probable Completion Date: Nov. 1, 1976

No work was performed on this project during the past period. To date, all items on this project are 100% complete with the exception of seeding and fertilizing. The project as a whole is 99% complete with 98% of the contract time elapsed. Construction layout is 99% complete.

RF 407 (6) - Broadus-South
Length - 5.5 Miles Grade, Gravel Surf. & Plant Mix Bit. Surf.; 11.4 Miles Seal & Cover and 29.4 Miles Delineation
Contract Let: May 15, 1975
Proceed Order: June 11, 1975
Amount of Contract: $1,259,213.07
Work Started: July 30, 1975

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Robert E. Swanson, Field Project Manager
Broadus, Montana - Tel. No. 436-2891
Contract Time: 200 Working Days
Probable Completion Date: Nov. 15, 1976

Progress during the past period has been good. Grading operations have been completed except for minor cleanup. 1,732 tons of type 2 plant mix were produced making a total of 13,732 tons or 100% complete. 272 tons of CRS-2 were applied as seal coat making a total of 272 tons or 100% complete. 2,232 tons of 1/2" cover material were applied to the seal coat making a total of 2,232 tons or 100% complete. 994 lineal feet of guardrail were installed making a total of 994 lineal feet or 25% complete. To date, 2,342 lbs. of fertilizer have been applied or 59% complete. 468 lbs. of seed have been applied or 45% complete. The contractor worked nine 12-hour shifts with an average of 25 men employed. The project as a whole is 85% complete with 92% of the contract time elapsed. Construction layout, with a four-man engineering crew engaged, is 99% complete.

RS 45 (14) - Garland-Miles City
Length - 6.6 Miles Grade, Gravel Surf.
and Plant Mix Base Surfacing
Contract Let: April 24, 1975
Proceed Order: May 21, 1975
Amount of Contract: $1,140,419.89
Work Started: May 12, 1975

Joe Mayo & Son, Inc., Contractor
Cavalier, North Dakota
Delmer F. Borer, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Actual Completion Date: Sept. 2, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions September 2, 1976. Formal inspection and acceptance were made September 3, 1976. The final estimate with a two-man engineering crew engaged, is 65% complete and will be submitted to the Division Office about September 30, 1976.

SMP 5599-75 - Maintenance Stockpiles on Various Roads in Custer, Rosebud, & Wibaux Counties
Contract Let: December 18, 1975
Proceed Order: January 9, 1976
Amount of Contract: $101,580.00
Work Started: April 5, 1976

Rock Inc., Contractor
Great Falls, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 75 Working Days
Actual Completion Date: August 7, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions August 7, 1976. Formal inspection and acceptance were made August 9, 1976. The final estimate and supporting data was submitted to Helena September 15, 1976. This will be the final report.

M 8009 (1) - Signals at Main & 8th Street - Miles City
Contract Let: September 30, 1975
Proceed Order: October 22, 1975
Amount of Contract: $24,447.40
Work Started: April 26, 1976

Miles City Electric Co., Contractor
Miles City, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 45 Working Days
Actual Completion Date: August 17, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions August 17, 1976. Formal inspection and acceptance were made August 23, 1976. The final estimate with a one-man engineering crew engaged, is 87% complete and will be submitted to the Division Office about October 1, 1976.

Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

KGR:AA:dk

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

September 17, 1976

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period September 4, 1976, through September 17, 1976.

GENERAL

The temperatures varied from 92 degrees above to 28 degrees above zero with 0.45 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Authorized: 5/26/70
Survey Started: 1/4/71
Survey Completed: 4/5/73

Mitch J. Miller, Designer
Lewistown, Montana
Telephone: 538-8732

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on April 16, 1973. Bridge Situation Survey was submitted to Helena on September 18, 1973. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on September 18, 1973. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the Project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on April 16, 1973. Bridge Situation Surveys were submitted to the Preconstruction Section in Helena on September 18, 1973. Additional information was submitted to the Hydraulics Section, Helena, for their use in designing preliminary recommendations. Design will resume when Hydraulic recommendations are furnished. Tracing Plan and Profile Linens remain 80% complete, plotting templates and computing volumes are 95% complete. The design as a whole is 24% complete with 97½ man-days expended to date.

RS 14 (12) Martinsdale to US 12
Approximate Length: 2.118 Miles
Survey Authorized: 8/30/74
Survey Started: 3/25/76
Survey Completed:

Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No work was performed on this Project the past reporting period are presently working on construction projects in the Denton area.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75
Survey Started: Not yet

Unassigned at this time

Authorization to proceed with location along the Alternate "E" Route was received from Helena on June 3, 1975. No crew has been available due to construction schedule. Location will begin when time permits and a crew becomes available.

RF 235 (38) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1/22/74
Survey Started: 1/6/75
Survey Suspended: 4/7/75
Survey Resumed: 1/22/76

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field Survey work was suspended January 30, 1976, resumed February 18, 1976, and suspended February 20, 1976. Items and percentage complete are as follows: centerline, bench levels, and land ownerships 100% complete; cross-section 95% complete; checking field notes 90% complete; topography 44% complete; section ties 16% complete; plotting cross-sections and profile are 12% complete. A total of 397 man-days have been expended and the survey is 82% complete.

F 256 (21) Winnett-East and West
Approximate Length: 6.5 Miles
Survey Authorized: 2/5/72
Survey Started: 3/9/72
Survey Suspended: 5/15/72
Survey Resumed: 3/20/72

Mitch J. Miller, Designer
Lewistown, Montana
Telephone: 538-8732

The Design Public Hearing was held in Winnett on August 28, 1974. All location and supporting data was submitted to the Lewistown Division Office on September 11, 1974. The P.I.H. inspection was held May 11, 1976. Three man-days were used making P.I.H. changes for 100% complete. The design as a whole is 80% complete with 317 man-days expended to date. This will constitute a final report for this Project.

ER 72 (23) Lewistown-Southeast Fergus County
Approximate Length: 0.445 Miles
Survey Authorized: 12/31/75
Survey Started: 7/20/76
Survey Completed:

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No work was done on this Project during this reporting period. Work began on the Project July 20, 1976. Four men worked 2 days setting centerline control points and running centerline from Station 284+00 to Station 307+50. Five men worked 1 day running bench levels and check levels from Station 284+00 to Station 313+83.6, and topography from Station 284+00 to Station 290+00. Centerline ran, and bench marks set, and levels run and checked for 100% complete. Topography is 03% complete. A total of 13 man-days have been expended and the location survey is 10% complete.

F 256 (35) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/14/72
Survey Started: 11/25/74

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field Location Survey was suspended January 3, 1975. Work completed to date includes: obtaining permission to survey permits, land ownerships, flyline, centerline, bench levels established and check levels. Section ties are 30% complete; cross-sections are 15% complete, topography 10% complete, plotting cross-sections and profile are 15% complete. A total of 145 man-days have been expended with the location survey 39% complete.

S 258 (6) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4/10/73
Survey Started: 9/10/73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field notes check and reduced cross-section notes from Station 598+80 to Station 757+24.9 for a total to date of 14.0 miles or 95% complete. Plotting topography and drainage from Station 598+80 to Station 757+24.9 for 14.0 miles or 100% complete; plotting profile from Station 0+00 to Station 757+24.9 for 14.0 miles or 95% complete. A total of 553 man-days have been used and the survey is 95% complete.

DESIGN: Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 5% complete with 19 man-days expended.

ER 72 (21) Melstone-Mosby
Approximate Length: ± 0.379 Miles
Survey Authorized: 1/27/76
Survey Started:
Survey Completed:

Unassigned at this time

Geology Department started and completed foundation core drilling February 25, 1976. No location work has begun on this Project. Survey work will be accomplished when a field survey crew becomes available.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off-System

Detailed drawings of the Grade Crossing at Stanford, Windham, and Central Avenue, Lewistown, have been sent to the R/W Bureau for further processing.

CONSTRUCTION

RF 8 (22) White Sulphur Springs-Harlowton
Length: 6.935 Miles
Grade, Gravel, Plant Mix Surface and Drain
Meagher County
Contract Awarded: 10/3/74
Bid Price: $1,766,953.86
Work Started: 5/13/75

Hilde Construction Co. and
Maronick Construction (JV)
Great Falls, Montana
Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 180 Working Days
Prob. Compl. Date: 11/15/76

No work has been done on this Project the past reporting period. The prime Contractors, Hilde and Maronick, Inc., anticipate pit reclamation as soon as water in the pit has drained. Removal of approach to the Project and fence closure will be accomplished at this time. The Project as a whole is approximately 98% complete with 88% of the contract time elapsed. The engineering crew has been assigned to other projects in and around the Lewistown area.

ER 72 (15) Armells Creek Slide
Grade, Channel Change, and Riprap
0.05 Miles Fergus County
Contract Awarded: 8/30/76
Bid Price: $143,208.10
No work started as yet

Rehbein Contracting, Inc.
Plains, Montana
Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 40 Working Days
Prob. Compl. Date: 6/1/77

The Preconstruction Conference was held in the Division Office, Lewistown, Montana, September 15, 1976, with all interested parties in attendance. The Contractor, Rehbein Construction, Inc., anticipates starting work on this Project on or about September 27, 1976.

The Project as a whole is 0% complete with 0% of the contract time elapsed. A 5-man engineering crew worked 8 days this past reporting period slope staking Station 1094+50 to Station 1106+50, making construction layout 88% complete.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix
Bituminous Surfacing, Sewer Installation,
Signing, Lighting, and a 40.0 Prestressed
Concrete Bridge over Spring Creek
Contract Let: 4/1/76
Bid Price: $1,820,322.90
Work Started: 5/24/76

Washington Construction Co.
P. O. Box 1502
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 160 Working Days
Prob. Compl. Date: 8/1/77

Progress the past 2 weeks has been good. 1,400 cubic yards of street excavation was moved, making a total to date of 15,400 cubic yards or 100% complete; 10,427 tons of 1½" TACBC material was produced for a total of 57,427 tons or 94% complete; 7,328 tons of Plant Mix Bituminous Base Material was produced for a total of 17,907 tons or 72% complete; 3,000 tons of Type 3 Plant Mix Bituminous Surfacing Material was produced for 23% complete; 1,540 lineal feet of concrete curb and gutter was placed making a total to date of 4,280 lineal feet or 38% complete; installation of storm sewer line and manholes is 100% complete; signing installation is 40% complete; unclassified excavation is 99% complete; large and small drainage structures are 100% complete; and placement of Type 3 riprap is 25% complete.

Prime Contractor worked two 9-hour shifts and one 10-hour shift removing street excavation and concrete pavement; production and processing of gravel base course, using six 10-hour shifts; hauling and placing of riprap Class 3, using eight 8-hour shifts with 22 men employed.

Sub-contractor, McIntyre Construction Co., worked three 9-hour shifts and two 4-hour shifts producing Plant Mix Base Grade 1 Material; two 10-hour shifts producing Type 3 Plant Mix Bituminous Surfacing Material with 20 men employed. Sub-contractor, Falls Construction Co., worked six 8-hour and one 11-hour shifts with 4 men employed. Sub-contractor, Western Sign, worked five 8-hour shifts with 5 men employed. Sub-contractor, Sandon Construction Co., worked two 9-hour shifts and one 8-hour shift with 7 men employed.

The Project as a whole is 60% complete with 51% of the contract working days expended. Construction layout with a 15-man engineering crew assigned for supervision and inspection is 95% complete.

BRIDGE: The Sub-contractor, F. L. Flynn and Co., has made fair progress the past reporting period. Abutment No. 1 was completed and backfilled, and sheet piling removed. Sheet piling has been placed for Abutment No. 2, and work is in progress on structure excavation. The Class AD concrete is 36% complete. Piling items are 50% complete, and structure excavation is 60% complete. The structure as a whole is 34% complete. A 7-man crew is employed on this phase of the work and they are employed for 55-60 hours for 6 days a week.

RF 138 (8) Roundup-North
Grade, Gravel, Plant Mix Surfacing, Bridge
Project Length: 6.2 Miles
Contract Awarded: 5/24/76
Work Started: 7/1/76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Telephone: 323-2040
Roundup, Montana
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

Progress the past 2 weeks has been fair. Shifts were cut to 8 hours daily between August 31 and September 10, 1976, due to a shortage of water for grading. The Contractor had between 25-30 people working eight 8-hour shifts and two 10-hour shifts on grading. Pipe laying crew has been working on the water line to get water for grading. No culvert has been laid the past 2 weeks. Finishing and topsoiling has begun on the Project. Time required to rip rock in cut areas has been 27% of operation time. 84,485 cubic yards of excavation has been moved for a total of 281,045 cubic yards or 56%. 100 lineal feet of 138" SSPP has been installed. The remainder will be installed when the existing structure and P.T.W. are removed.

An 8-man engineering crew is assigned to Project inspection and Project layout. 22% of Project completed with 31% of the contract time elapsed.

BRIDGE: Good progress. The Contractor worked ten 8-hour shifts and employed an average of 8 men on the Project. The prestress beams have been erected and concrete placed in the diaphragms, backwalls, and wingwalls. The Contractor is presently forming on the deck and overhangs. The structure is 50% complete.

RF 157 (26) U-1 Cohagen-North
4.337 Miles Grading, Aggregate Surfacing, Plant Mix Bituminous Surfacing, Signing
Contract Let: 5/15/75
Bid Price: $739,065.95
Work Started: 6/23/75

Neshem-Peterson, Inc., Contr.
Berthold, North Dakota
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 200 Working Days
Prob. Compl. Date: 10/20/76

The prime Contractor, Neshem-Peterson, Inc., was issued a conditional completion of the Project as of May 21, 1976, pending the seeding of approximately 2 acres of the Zook Gravel Pit, which will not be completed until after October 15, 1976, due to the high water table present in the pit area.

RS 49 (10) Fort Logan-White Sulphur Springs
0.9 Miles Structure and Approaches
Contract Let: 11/14/74
Contract Awarded: 11/15/74
Bid Price: $426,589.77
Work Started: 12/10/74

Sletten Construction Co.
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 547-2100
Contract Time: 150 Working Days
Compl. Date: 8/24/76

The Project was completed on August 24, 1976, with 93% of the allotted contract time used. On August 27, 1976, Mr. R. W. Freeman, Division Construction Supervisor, and the Meagher County officials made their final acceptance of this Project.

RS 71 (6) Ryegate-South
Gravel, Plant Mix Base, and Stripe
Contract Awarded: 4/29/76
Contract Amount: $424,429.54
Work Started: 5/20/76

R. J. Studer and Sons
P. O. Box 20204
Billings, Montana
Martin C. VanMil
Field Project Manager
Ryegate, Montana
Telephone: 568-2208
Contract Time: 90 Working Days
Prob. Compl. Date: 10/31/76

Progress the past reporting period has been good. The prime Contractor worked five 10-hour shifts, employing between 5-20 men. Work consisted of placing 1,200 tons of ½" cover material and 125 tons of CRS-2 Asphalt cement, making these items 100% and completing the graveling and oiling portion of the contract. Contractor plans to begin striping September 20, 1976.

The Project as a whole is 92% complete with 90% of the contract time elapsed. Construction layout is 100% complete with a 5-man engineering crew assigned to the Project.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5/28/76
Contract Amount: $1,874,234.66
Work Started: 8/5/76

Hilde Construction Co. and
Maronick Construction (JV)
East Helena, Montana
Bruce Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

Progress the past 2 weeks has been good. 112,491 cubic yards of unclassified excavation have been moved for a total of 285,908 cubic yards or 43% complete; major and minor drainage installations are 39% complete and a total of 4,430.5 rods of F4W fence have been installed, making this item 94% complete.

The prime Contractor has 34 men employed and is working two 9-hour shifts per day 5 days per week, and is bringing the road to sub-grade elevations between Station 246+00 to Station 363+00. The Sub-contractor, Swan and Sons, Inc., had 11 men employed and was working five 8-hour shifts per week. A major portion of the fencing was completed at close of shift on September 3, 1976. All that remains to be done are several side fences that are pending completion of road approaches and enclosures over the P.T.W. when the new road is completed.

The Project is 20% complete with 32% of the contract time elapsed. Construction layout is 79% complete with an 11-man engineering crew assigned to the Project.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing,
Plant Mix Surfacing, Drain, Seal and
Cover, Signing and Construct 85.0
Prestressed Concrete Bridge

Zook Brothers Construction Co.
P. O. Box 2025
Great Falls, Montana
Carl W. Park
Field Project Manager (Road)

RS 450 (3) Denton-North continued

Fergus County
Contract Awarded: 3/31/76
Contract Amount: $1,001,089.52
Work Started: 4/19/76

Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 175 Working Days
Prob. Compl. Date: 11/1/76

Progress the past 2 weeks has been fair. The Contractor, Zook Brothers Construction Co., worked seven 10-hour shifts and two 8-hour shifts, employing an average of 18 men.

Work consisted of crushing and stockpiling of 1" P.M.B.C. and ½" cover materials; producing and placing 540 tons of 1" CBC material on the Everson approach, for 100% complete; placing 140 cubic yards of filter material for a total to date of 340 cubic yards or 50% complete; placing 320 cubic yards of Type A riprap for a total to date of 1,220 cubic yards or 85% complete. Mackin Construction, with 4 men employed, worked four 8-hour shifts removing old structure, completing this item, and four 8-hour shifts placing filter material and riprap on creek slopes.

The Project as a whole is approximately 64% complete with 47% of the contract time elapsed. A 9-man engineering crew is assigned to Project inspection and layout.

BRIDGE: The bridge portion of this Project was completed and inspected by R. Tobel of the Helena Construction Office on September 7, 1976. The Subcontractor, Mackin Construction Co., began work on the removal of the P.T.W. bridge on this date also. A 4-man crew has been employed for 8-hour shifts 5 days a week on this Project. The bridge is 100% complete.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section
Lewistown

RWF/JHP/llg

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

September 13, 1976

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

September 13, 1976

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	20	4 OCT. 1977	R. J. Studer & Sons $2,759,751.00
FHP 43-1(4)	Yellowstone Canyon Highway - Bridge over Yellowstone River and Gardiner Street	1.362	Grading, Base, PMS, Bridge Widening	91 Bridge Deck Seal is the Only Work Remaining.	97	Weyher Construction Co. $1,515,936.36
FHP 60-1(1)	Reynolds Pass	8.4	Bituminous Plant Mix Paving	130 Work Completed August 18, 1976	100	Baltrusch Construction $277,050.00